

Proctor Valley EIR - South Village Residential

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Grading	0.77	0.63	-0.10	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	0.01	0.33	0.00	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.40	0.19	-0.07	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.35	0.07	-0.06	0.00	0.42	0.37	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	0.73	0.28	-0.18	0.00	0.95	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.69	0.51	-0.16	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.01	0.27	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.41	0.15	-0.08	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.37	0.03	-0.06	0.00	0.36	0.31	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	0.72	0.26	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.69	0.50	-0.18	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.01	0.27	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.41	0.15	-0.08	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.37	0.03	-0.06	0.00	0.36	0.31	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	0.70	0.21	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.69	0.50	-0.18	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	0.01	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00

P4 Building Construction 1 (mo. 2-4)	0.38	0.11	-0.08	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	0.33	-0.03	-0.06	0.00	0.25	0.19	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	0.70	0.21	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.69	0.50	-0.18	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	0.01	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.36	0.08	-0.08	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.33	-0.03	-0.06	0.00	0.25	0.19	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	0.66	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	0.67	0.46	-0.19	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	0.01	0.22	-0.01	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.39	0.08	-0.09	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.36	-0.03	-0.07	0.00	0.25	0.19	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	0.67	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	0.69	0.46	-0.19	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	0.04	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.36	-0.09	-0.07	0.00	0.14	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	0.66	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.70	0.46	-0.19	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Site Prep - Utilities and Slope Landscaping	0.70	0.41	-0.46	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.83	0.70	-0.05	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	14	14	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	14	14	No Change	0.00
Excavators	Diesel	Tier 4 Interim	3	3	No Change	0.00
Graders	Diesel	Tier 4 Interim	8	8	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Interim	14	14	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	14	14	No Change	0.00
Pumps	Diesel	Tier 4 Interim	7	7	No Change	0.00
Rollers	Diesel	Tier 4 Interim	14	14	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	14	14	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	1	1	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	21	21	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	13	13	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	7	7	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	6.41100E-002	4.43200E-001	5.48720E-001	9.00000E-004	2.65700E-002	2.65700E-002	0.00000E+000	7.71083E+001	7.71083E+001	5.18000E-003	0.00000E+000	7.72377E+001
Cement and Mortar Mixers	8.96000E-003	5.61500E-002	4.70300E-002	1.10000E-004	2.18000E-003	2.18000E-003	0.00000E+000	6.98871E+000	6.98871E+000	7.30000E-004	0.00000E+000	7.00685E+000
Excavators	3.87400E-002	3.91490E-001	4.97940E-001	7.90000E-004	1.89100E-002	1.74000E-002	0.00000E+000	7.00630E+001	7.00630E+001	2.23700E-002	0.00000E+000	7.06223E+001
Graders	4.94700E-002	6.49590E-001	1.93960E-001	7.20000E-004	2.07100E-002	1.90500E-002	0.00000E+000	6.39268E+001	6.39268E+001	2.05400E-002	0.00000E+000	6.44402E+001
Other Construction Equipment	6.04000E-003	6.49500E-002	4.77100E-002	7.00000E-005	3.42000E-003	3.15000E-003	0.00000E+000	6.38624E+000	6.38624E+000	2.02000E-003	0.00000E+000	6.43676E+000
Pavers	3.60800E-002	3.76790E-001	4.45660E-001	7.20000E-004	1.81300E-002	1.66800E-002	0.00000E+000	6.35956E+001	6.35956E+001	2.05700E-002	0.00000E+000	6.41098E+001
Paving Equipment	2.93700E-002	2.94680E-001	3.91350E-001	6.30000E-004	1.45500E-002	1.33800E-002	0.00000E+000	5.51118E+001	5.51118E+001	1.78200E-002	0.00000E+000	5.55574E+001
Pumps	2.84200E-002	2.39350E-001	2.84230E-001	5.00000E-004	1.30900E-002	1.30900E-002	0.00000E+000	4.29558E+001	4.29558E+001	2.31000E-003	0.00000E+000	4.30135E+001
Rollers	2.85100E-002	2.90460E-001	2.88860E-001	4.00000E-004	1.76100E-002	1.62000E-002	0.00000E+000	3.54978E+001	3.54978E+001	1.14800E-002	0.00000E+000	3.57848E+001
Rough Terrain Forklifts	3.58100E-002	4.70490E-001	6.96560E-001	1.05000E-003	1.73800E-002	1.59900E-002	0.00000E+000	9.20445E+001	9.20445E+001	2.97700E-002	0.00000E+000	9.27887E+001
Rubber Tired Dozers	7.65800E-002	8.15020E-001	2.89180E-001	5.80000E-004	3.97400E-002	3.65600E-002	0.00000E+000	5.17698E+001	5.17698E+001	1.63800E-002	0.00000E+000	5.21793E+001
Rubber Tired Loaders	3.28900E-002	3.90390E-001	1.42400E-001	5.40000E-004	1.29900E-002	1.19500E-002	0.00000E+000	4.77540E+001	4.77540E+001	1.53600E-002	0.00000E+000	4.81379E+001
Scrapers	7.03100E-002	8.52310E-001	5.32050E-001	1.00000E-003	3.34000E-002	3.07200E-002	0.00000E+000	8.98002E+001	8.98002E+001	2.84100E-002	0.00000E+000	9.05105E+001
Skid Steer Loaders	1.66300E-002	2.21430E-001	3.17930E-001	4.70000E-004	8.65000E-003	7.96000E-003	0.00000E+000	4.16123E+001	4.16123E+001	1.34600E-002	0.00000E+000	4.19487E+001
Tractors/Loaders/Backhoes	6.63100E-002	6.69360E-001	7.69890E-001	1.06000E-003	4.05800E-002	3.73300E-002	0.00000E+000	9.33912E+001	9.33912E+001	2.99800E-002	0.00000E+000	9.41408E+001
Trenchers	2.88400E-002	2.65540E-001	1.98150E-001	2.60000E-004	1.91700E-002	1.76400E-002	0.00000E+000	2.25398E+001	2.25398E+001	7.29000E-003	0.00000E+000	2.27220E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	1.64500E-002	3.20070E-001	5.53390E-001	9.00000E-004	1.20000E-003	1.20000E-003	0.00000E+000	7.71082E+001	7.71082E+001	5.18000E-003	0.00000E+000	7.72376E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	1.10000E-004	0.00000E+000	0.00000E+000	0.00000E+000	6.98871E+000	6.98871E+000	7.30000E-004	0.00000E+000	7.00684E+000
Excavators	9.69000E-003	3.47190E-001	5.97500E-001	7.90000E-004	1.29000E-003	1.29000E-003	0.00000E+000	7.00629E+001	7.00629E+001	2.23700E-002	0.00000E+000	7.06222E+001
Graders	1.17900E-002	1.90140E-001	3.83220E-001	7.20000E-004	1.18000E-003	1.18000E-003	0.00000E+000	6.39267E+001	6.39267E+001	2.05400E-002	0.00000E+000	6.44401E+001
Other Construction Equipment	8.80000E-004	3.15000E-002	5.42100E-002	7.00000E-005	1.20000E-004	1.20000E-004	0.00000E+000	6.38623E+000	6.38623E+000	2.02000E-003	0.00000E+000	6.43675E+000
Pavers	8.90000E-003	3.18840E-001	5.48700E-001	7.20000E-004	1.19000E-003	1.19000E-003	0.00000E+000	6.35955E+001	6.35955E+001	2.05700E-002	0.00000E+000	6.41097E+001
Paving Equipment	7.74000E-003	2.77500E-001	4.77550E-001	6.30000E-004	1.03000E-003	1.03000E-003	0.00000E+000	5.51117E+001	5.51117E+001	1.78200E-002	0.00000E+000	5.55573E+001
Pumps	9.17000E-003	1.78300E-001	3.08280E-001	5.00000E-004	6.70000E-004	6.70000E-004	0.00000E+000	4.29558E+001	4.29558E+001	2.31000E-003	0.00000E+000	4.30135E+001
Rollers	9.08000E-003	1.76700E-001	3.05510E-001	4.00000E-004	6.60000E-004	6.60000E-004	0.00000E+000	3.54978E+001	3.54978E+001	1.14800E-002	0.00000E+000	3.57848E+001
Rough Terrain Forklifts	2.35900E-002	4.58960E-001	7.93520E-001	1.05000E-003	1.72000E-003	1.72000E-003	0.00000E+000	9.20443E+001	9.20443E+001	2.97700E-002	0.00000E+000	9.27886E+001
Rubber Tired Dozers	9.41000E-003	1.51730E-001	3.05810E-001	5.80000E-004	9.40000E-004	9.40000E-004	0.00000E+000	5.17697E+001	5.17697E+001	1.63800E-002	0.00000E+000	5.21792E+001
Rubber Tired Loaders	8.92000E-003	1.43820E-001	2.89880E-001	5.40000E-004	8.90000E-004	8.90000E-004	0.00000E+000	4.77539E+001	4.77539E+001	1.53600E-002	0.00000E+000	4.81379E+001
Scrapers	1.64000E-002	2.64520E-001	5.33150E-001	1.00000E-003	1.64000E-003	1.64000E-003	0.00000E+000	8.98001E+001	8.98001E+001	2.84100E-002	0.00000E+000	9.05104E+001
Skid Steer Loaders	1.16600E-002	2.66150E-001	3.59400E-001	4.70000E-004	1.08800E-002	1.08800E-002	0.00000E+000	4.16122E+001	4.16122E+001	1.34600E-002	0.00000E+000	4.19487E+001
Tractors/Loaders/Backhoes	2.36400E-002	4.59890E-001	7.95130E-001	1.06000E-003	1.72000E-003	1.72000E-003	0.00000E+000	9.33911E+001	9.33911E+001	2.99800E-002	0.00000E+000	9.41407E+001
Trenchers	5.75000E-003	1.11870E-001	1.93420E-001	2.60000E-004	4.20000E-004	4.20000E-004	0.00000E+000	2.25397E+001	2.25397E+001	7.29000E-003	0.00000E+000	2.27220E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	7.43410E-001	2.77820E-001	-8.51072E-003	0.00000E+000	9.54836E-001	9.54836E-001	0.00000E+000	1.16719E-006	1.16719E-006	0.00000E+000	0.00000E+000	1.16523E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.42717E-006
Excavators	7.49871E-001	1.13157E-001	-1.99944E-001	0.00000E+000	9.31782E-001	9.25862E-001	0.00000E+000	1.14183E-006	1.14183E-006	0.00000E+000	0.00000E+000	1.27438E-006
Graders	7.61674E-001	7.07292E-001	-9.75768E-001	0.00000E+000	9.43023E-001	9.38058E-001	0.00000E+000	1.25143E-006	1.25143E-006	0.00000E+000	0.00000E+000	1.24146E-006
Other Construction Equipment	8.54305E-001	5.15012E-001	-1.36240E-001	0.00000E+000	9.64912E-001	9.61905E-001	0.00000E+000	1.56587E-006	1.56587E-006	0.00000E+000	0.00000E+000	1.55358E-006
Pavers	7.53326E-001	1.53799E-001	-2.31208E-001	0.00000E+000	9.34363E-001	9.28657E-001	0.00000E+000	1.10071E-006	1.10071E-006	0.00000E+000	0.00000E+000	1.09188E-006
Paving Equipment	7.36466E-001	5.83005E-002	-2.20263E-001	0.00000E+000	9.29210E-001	9.23019E-001	0.00000E+000	1.08870E-006	1.08870E-006	0.00000E+000	0.00000E+000	1.25996E-006
Pumps	6.77340E-001	2.55066E-001	-8.46146E-002	0.00000E+000	9.48816E-001	9.48816E-001	0.00000E+000	1.16399E-006	1.16399E-006	0.00000E+000	0.00000E+000	1.16243E-006
Rollers	6.81515E-001	3.91655E-001	-5.76404E-002	0.00000E+000	9.62521E-001	9.59259E-001	0.00000E+000	1.12683E-006	1.12683E-006	0.00000E+000	0.00000E+000	1.11779E-006
Rough Terrain Forklifts	3.41245E-001	2.45064E-002	-1.39198E-001	0.00000E+000	9.01036E-001	8.92433E-001	0.00000E+000	1.19507E-006	1.19507E-006	0.00000E+000	0.00000E+000	1.18549E-006
Rubber Tired Dozers	8.77122E-001	8.13833E-001	-5.75074E-002	0.00000E+000	9.76346E-001	9.74289E-001	0.00000E+000	1.15898E-006	1.15898E-006	0.00000E+000	0.00000E+000	1.14988E-006
Rubber Tired Loaders	7.28793E-001	6.31599E-001	-1.03567E+000	0.00000E+000	9.31486E-001	9.25523E-001	0.00000E+000	1.25644E-006	1.25644E-006	0.00000E+000	0.00000E+000	1.24642E-006
Scrapers	7.66747E-001	6.89643E-001	-2.06747E-003	0.00000E+000	9.50898E-001	9.46615E-001	0.00000E+000	1.11358E-006	1.11358E-006	0.00000E+000	0.00000E+000	1.21533E-006
Skid Steer Loaders	2.98857E-001	-2.01960E-001	-1.30438E-001	0.00000E+000	-2.57803E-001	-3.66834E-001	0.00000E+000	1.20157E-006	1.20157E-006	0.00000E+000	0.00000E+000	1.19193E-006
Tractors/Loaders/Backhoes	6.43493E-001	3.12941E-001	-3.27839E-002	0.00000E+000	9.57615E-001	9.53924E-001	0.00000E+000	1.17784E-006	1.17784E-006	0.00000E+000	0.00000E+000	1.27469E-006
Trenchers	8.00624E-001	5.78708E-001	2.38708E-002	0.00000E+000	9.78091E-001	9.76190E-001	0.00000E+000	1.33098E-006	1.33098E-006	0.00000E+000	0.00000E+000	1.32031E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction
			30.00	

No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Grading	Fugitive Dust	0.61	0.15	0.24	0.06	0.61	0.61
Grading	Roads	0.89	0.09	0.38	0.04	0.57	0.57
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P1 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	Roads	0.35	0.04	0.15	0.02	0.56	0.53
P1 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	Roads	0.12	0.01	0.05	0.01	0.56	0.53
P1 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	Roads	0.04	0.00	0.02	0.00	0.56	0.53
P1 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	Roads	0.11	0.01	0.05	0.01	0.56	0.53
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P2 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	Roads	0.23	0.02	0.10	0.01	0.56	0.53

P2 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P2 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P2 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P3 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	Roads	0.23	0.02	0.10	0.01	0.56	0.53
P3 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P3 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
P3 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	Roads	0.08	0.01	0.03	0.00	0.56	0.53
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P4 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	Roads	0.22	0.02	0.10	0.01	0.56	0.53
P4 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	Roads	0.08	0.01	0.04	0.00	0.56	0.53
P4 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53

P4 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	Roads	0.08	0.01	0.03	0.00	0.56	0.53
P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P5 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	Roads	0.23	0.02	0.10	0.01	0.56	0.53
P5 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	Roads	0.08	0.01	0.04	0.00	0.56	0.53
P5 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P5 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P6 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P6 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	Roads	0.16	0.02	0.07	0.01	0.56	0.53
P6 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	Roads	0.05	0.01	0.02	0.00	0.56	0.53
P6 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P6 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P6 Site Preparation (mo. 1)	Roads	0.06	0.01	0.02	0.00	0.56	0.53
P7 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52

P7 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P7 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P7 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
P7 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P7 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Site Prep - Utilities and Slope Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Site Prep - Utilities and Slope Landscaping	Roads	0.17	0.02	0.08	0.01	0.55	0.53
Site Preparation	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61
Site Preparation	Roads	0.04	0.00	0.02	0.00	0.56	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Low Density Suburban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"	3.00		
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program	5.00		
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
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Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00
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CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - South Village Residential	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Jul-19	South Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2024	South Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	481.93	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
Site Preparation	Site Preparation	1-Jul-19	31-Jul-19	5 days/week	23
Grading	Grading	1-Aug-19	31-Oct-19	5 days/week	66
Site Prep - Utilities and Slope Landscaping	Site Preparation	1-Nov-19	30-Jun-20	5 days/week	173
P1 Site Preparation (mo. 1)	Site Preparation	1-Aug-20	31-Aug-20	5 days/week	21
P1 Building Construction 1 (mo. 2-4)	Building Construction	1-Sep-20	30-Nov-20	5 days/week	65
P1 Building Construction 2 (mo. 5)	Building Construction	1-Dec-20	31-Dec-20	5 days/week	23
P1 Paving	Paving	1-Jul-20	31-Jul-20	5 days/week	23
P1 Architectural Coating	Architectural Coating	1-Oct-20	30-Nov-20	5 days/week	43
P2 Site Preparation (mo. 1)	Site Preparation	1-Jan-21	31-Jan-21	5 days/week	21
P2 Building Construction 1 (mo. 2-4)	Building Construction	1-Feb-21	30-Apr-21	5 days/week	65
P2 Building Construction 2 (mo. 5)	Building Construction	1-May-21	31-May-21	5 days/week	21
P2 Paving	Paving	1-Dec-20	31-Dec-20	5 days/week	23
P2 Architectural Coating	Architectural Coating	1-Mar-21	30-Apr-21	5 days/week	45
P3 Site Preparation (mo. 1)	Site Preparation	1-Jun-21	30-Jun-21	5 days/week	22
P3 Building Construction 1 (mo. 2-4)	Building Construction	1-Jul-21	30-Sep-21	5 days/week	66
P3 Building Construction 2 (mo. 5)	Building Construction	1-Oct-21	31-Oct-21	5 days/week	21
P3 Paving	Paving	1-May-21	31-May-21	5 days/week	21
P3 Architectural Coating	Architectural Coating	1-Aug-21	30-Sep-21	5 days/week	44
P4 Site Preparation (mo. 1)	Site Preparation	1-Nov-21	30-Nov-21	5 days/week	22
P4 Building Construction 1 (mo. 2-4)	Building Construction	1-Dec-21	28-Feb-22	5 days/week	64
P4 Building Construction 2 (mo. 5)	Building Construction	1-Mar-22	31-Mar-22	5 days/week	23
P4 Paving	Paving	1-Oct-21	31-Oct-21	5 days/week	21
P4 Architectural Coating	Architectural Coating	1-Jan-22	28-Feb-22	5 days/week	41
P5 Site Preparation (mo. 1)	Site Preparation	1-Apr-22	30-Apr-22	5 days/week	21
P5 Building Construction 1 (mo. 2-4)	Building Construction	1-May-22	31-Jul-22	5 days/week	65
P5 Building Construction 2 (mo. 5)	Building Construction	1-Aug-22	31-Aug-22	5 days/week	23
P5 Paving	Paving	1-Mar-22	31-Mar-22	5 days/week	23
P5 Architectural Coating	Architectural Coating	1-Jun-22	31-Jul-22	5 days/week	43
P6 Site Preparation (mo. 1)	Site Preparation	1-Aug-22	31-Aug-22	5 days/week	23
P6 Building Construction 1 (mo. 2-4)	Building Construction	1-Sep-22	30-Nov-22	5 days/week	65
P6 Building Construction 2 (mo. 5)	Building Construction	1-Dec-22	31-Dec-22	5 days/week	22
P6 Paving	Paving	1-Jul-22	31-Jul-22	5 days/week	21
P6 Architectural Coating	Architectural Coating	1-Oct-22	30-Nov-22	5 days/week	43

CalEEMod Input Sheet
Construction Phase

P7 Site Preparation (mo. 1)	Site Preparation	1-Dec-22	31-Dec-22	5 days/week	22
P7 Building Construction 1 (mo. 2-4)	Building Construction	1-Jan-23	31-Mar-23	5 days/week	65
P7 Building Construction 2 (mo. 5)	Building Construction	1-Apr-23	30-Apr-23	5 days/week	20
P7 Paving	Paving	1-Nov-22	30-Nov-22	5 days/week	22
P7 Architectural Coating	Architectural Coating	1-Feb-23	31-Mar-23	5 days/week	43

Table 6: Off-Road Equipment					
Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor
Site Prep	Rubber Tired Dozer	default	default		
	Tractor/Loader/Backhoe				
	Other Construction Equipment (brush grinder)	1			
Grading	default				
Slope Landscaping	Excavator	1			
	Rubber Tired Loader	1			
All Phases Site Preparation (mo. 1)	Grader	1			
	Skid Steer	1			
	Trencher	1			
	Pump	1			
	Cement Mixer	1			
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1			
	Backhoe	1			
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1			
	Skid Steer	2			
	Cement Mixer	1			
All Phases Paving	default				
All Phases Architectural Coating	Air Compressor	2			

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement								
Phase Name	Material Imported	Material Exported	Size Metric	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	default					--	default	
Grading	default		cubic yards	default		113		

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
default		

CalEEMod Input Sheet

Construction Phase

Table 9: Construction Trips and VMT

Phase Name	# Trips Worker (/day)	# Trips Vendor (/day)	Total # Trips Hauling	Trip Length Worker (miles)	Trip Length Worker (miles)	Trip Length Hauling (miles)	Vehicle Class Worker	Vehicle Class Vendor	Vehicle Class Hauling
Site Preparation									
Grading			2,347			2			MHDT
Slope Landscaping	Refer to Construction VMT worksheet								
All Phases Site Preparation (mo. 1)									
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Paving									
All Phases Architectural Coating									

CalEEMod Input Sheet
Construction Phase

Table 10: On-Road Fugitive Dust								
Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
Site Preparation								
Grading			0					
Slope Landscaping								
All Phases Site Preparation (mo. 1)								
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

Table 11: Architectural Coating

CalEEMod Input Sheet
Construction Phase

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
P1 Architectural Coating	50	505,030	100	168,343	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	353,521	100	117,840	N/A	0	N/A	0	N/A	default
P3 Architectural Coating	50	353,521	100	117,840	N/A	0	N/A	0	N/A	default
P4 Architectural Coating	50	353,521	100	117,840	N/A	0	N/A	0	N/A	default
P5 Architectural Coating	50	353,521	100	117,840	N/A	0	N/A	0	N/A	default
P6 Architectural Coating	50	220,952	100	73,651	N/A	0	N/A	0	N/A	default
P7 Architectural Coating	50	82,067	100	27,356	N/A	0	N/A	0	N/A	default

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

**Proctor Valley EIR - South Village Non-Residential
San Diego County, Winter****1.0 Project Characteristics**

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	2.90	Acre	2.90	420.00	0
Recreational Swimming Pool	1.50	1000sqft	1.00	1,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	481.93	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation -

Waste Mitigation - 75% waste diversion consistent with AB 341 (not mitigation)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	960.00	750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	960.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,880.00	2,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,880.00	630.00

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tblArchitecturalCoating	ConstArea_Parking	0.00	261.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaCoating	Area_Nonresidential_Exterior	960	0
tblAreaCoating	Area_Nonresidential_Interior	2880	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	18.00	6.00
tblConstructionPhase	NumDays	18.00	6.00
tblConstructionPhase	NumDays	230.00	72.00
tblConstructionPhase	NumDays	230.00	72.00
tblConstructionPhase	NumDays	8.00	3.00
tblConstructionPhase	NumDays	8.00	3.00
tblConstructionPhase	NumDays	18.00	6.00
tblConstructionPhase	NumDays	18.00	6.00
tblConstructionPhase	NumDays	5.00	2.00
tblConstructionPhase	NumDays	5.00	22.00
tblConstructionPhase	NumDays	5.00	66.00

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[illegible]

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	481.93
tblProjectCharacteristics	OperationalYear	2018	2024
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

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tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	15.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	18.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	9.10	36.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	13.60	36.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	33.82	36.00

2.0 Emissions Summary

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	7.0842	74.2436	33.6982	0.0664	40.5125	3.6441	44.1565	20.3192	3.3526	23.6718	0.0000	6,455.932 7	6,455.932 7	2.0142	0.0000	6,506.287 9
2022	3.0992	31.1506	15.9577	0.0351	22.4462	1.4667	23.9129	10.3885	1.3545	11.7431	0.0000	3,384.002 9	3,384.002 9	0.9791	0.0000	3,408.480 9
Maximum	7.0842	74.2436	33.6982	0.0664	40.5125	3.6441	44.1565	20.3192	3.3526	23.6718	0.0000	6,455.932 7	6,455.932 7	2.0142	0.0000	6,506.287 9

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.5235	19.7383	36.9824	0.0664	16.0362	0.1061	16.1423	7.9605	0.1060	8.0665	0.0000	6,455.932 7	6,455.932 7	2.0142	0.0000	6,506.287 9
2022	0.6810	11.0475	18.7034	0.0351	8.9904	0.0975	9.0878	4.0876	0.0974	4.1849	0.0000	3,384.002 8	3,384.002 8	0.9791	0.0000	3,408.480 9
Maximum	1.5235	19.7383	36.9824	0.0664	16.0362	0.1061	16.1423	7.9605	0.1060	8.0665	0.0000	6,455.932 7	6,455.932 7	2.0142	0.0000	6,506.287 9

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	78.35	70.79	-12.14	0.00	60.25	96.02	62.93	60.77	95.68	65.41	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Energy	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
Mobile	0.0821	0.3110	0.8501	2.8500e-003	0.2725	2.3100e-003	0.2748	0.0728	2.1500e-003	0.0750		290.8732	290.8732	0.0156		291.2644
Total	0.1234	0.3119	0.8513	2.8600e-003	0.2725	2.3800e-003	0.2749	0.0728	2.2200e-003	0.0751		291.9572	291.9572	0.0157	2.0000e-005	292.3548

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Energy	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
Mobile	0.0821	0.3110	0.8501	2.8500e-003	0.2725	2.3100e-003	0.2748	0.0728	2.1500e-003	0.0750		290.8732	290.8732	0.0156		291.2644
Total	0.1234	0.3119	0.8513	2.8600e-003	0.2725	2.3800e-003	0.2749	0.0728	2.2200e-003	0.0751		291.9572	291.9572	0.0157	2.0000e-005	292.3548

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - Swimming Pool	Site Preparation	4/1/2021	4/2/2021	5	2	
2	Grading - Swimming Pool	Grading	4/5/2021	4/7/2021	5	3	
3	Building Construction - Swimming Pool	Building Construction	4/8/2021	7/16/2021	5	72	
4	Paving - Swimming Pool	Paving	7/19/2021	7/26/2021	5	6	
5	Architectural Coating - Swimming Pool	Architectural Coating	7/27/2021	8/3/2021	5	6	
6	Site Preparation - Park	Site Preparation	10/1/2021	11/1/2021	5	22	
7	Landscaping	Site Preparation	11/1/2021	1/31/2022	5	66	
8	Grading - Park	Grading	11/2/2021	11/4/2021	5	3	
9	Building Construction - Park	Building Construction	11/5/2021	2/14/2022	5	72	
10	Paving - Park	Paving	2/15/2022	2/22/2022	5	6	
11	Architectural Coating - Park	Architectural Coating	2/23/2022	3/2/2022	5	6	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,250; Non-Residential Outdoor: 750; Striped Parking Area: 0
(Architectural Coating – sqft)

OffRoad Equipment

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation - Swimming Pool	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Swimming Pool	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Swimming Pool	Excavators	1	8.00	158	0.38
Grading - Swimming Pool	Graders	1	8.00	187	0.41
Grading - Swimming Pool	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Swimming Pool	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction - Swimming Pool	Cranes	1	7.00	231	0.29
Building Construction - Swimming Pool	Forklifts	3	8.00	89	0.20
Building Construction - Swimming Pool	Generator Sets	1	8.00	84	0.74
Building Construction - Swimming Pool	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Swimming Pool	Welders	1	8.00	46	0.45
Paving - Swimming Pool	Cement and Mortar Mixers	2	6.00	9	0.56
Paving - Swimming Pool	Pavers	1	8.00	130	0.42
Paving - Swimming Pool	Paving Equipment	2	6.00	132	0.36
Paving - Swimming Pool	Rollers	2	6.00	80	0.38
Paving - Swimming Pool	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating - Swimming Pool	Air Compressors	1	6.00	78	0.48
Site Preparation - Park	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Park	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Landscaping	Skid Steer Loaders	2	8.00	247	0.40
Landscaping	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading - Park	Excavators	1	8.00	158	0.38
Grading - Park	Graders	1	8.00	187	0.41
Grading - Park	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Park	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction - Park	Cranes	0	7.00	231	0.29

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

Building Construction - Park	Forklifts	1	8.00	89	0.20
Building Construction - Park	Generator Sets	0	8.00	84	0.74
Building Construction - Park	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction - Park	Welders	1	8.00	46	0.45
Paving - Park	Cement and Mortar Mixers	2	6.00	9	0.56
Paving - Park	Pavers	1	8.00	130	0.42
Paving - Park	Paving Equipment	2	6.00	132	0.36
Paving - Park	Rollers	2	6.00	80	0.38
Paving - Park	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating - Park	Air Compressors	1	6.00	78	0.48
Landscaping	Rubber Tired Dozers	3	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation - Swimming Pool	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Swimming Pool	6	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Swimming Pool	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Swimming Pool	8	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Swimming Pool	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Park	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Park	6	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Park	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Park	8	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Park	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.2 Site Preparation - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	2.1900	1.1200e-003	2.1911	0.2289	1.0600e-003	0.2300		144.1096	144.1096	9.7200e-003		144.3527

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6967	12.1620	22.9600	0.0380	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.2 Site Preparation - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	0.9723	1.1200e-003	0.9734	0.1073	1.0600e-003	0.1084		144.1096	144.1096	9.7200e-003		144.3527

3.3 Grading - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.4361	0.0000	7.4361	3.4629	0.0000	3.4629			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	7.4361	1.1599	8.5960	3.4629	1.0671	4.5300		2,871.9285	2,871.9285	0.9288		2,895.1495

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.3 Grading - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		45.8729	45.8729	1.3200e-003		45.9058
Total	0.0363	0.4214	0.2652	1.5200e-003	2.8419	1.2300e-003	2.8431	0.2967	1.1600e-003	0.2978		159.4006	159.4006	0.0102		159.6546

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9001	0.0000	2.9001	1.3505	0.0000	1.3505			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	0.5200	10.3327	18.9906	0.0296	2.9001	0.0484	2.9485	1.3505	0.0484	1.3990	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.3 Grading - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		45.8729	45.8729	1.3200e-003		45.9058
Total	0.0363	0.4214	0.2652	1.5200e-003	1.2609	1.2300e-003	1.2621	0.1387	1.1600e-003	0.1399		159.4006	159.4006	0.0102		159.6546

3.4 Building Construction - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.4 Building Construction - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		45.8729	45.8729	1.3200e-003		45.9058
Total	0.0363	0.4214	0.2652	1.5200e-003	2.8419	1.2300e-003	2.8431	0.2967	1.1600e-003	0.2978		159.4006	159.4006	0.0102		159.6546

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.4 Building Construction - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		45.8729	45.8729	1.3200e-003		45.9058
Total	0.0363	0.4214	0.2652	1.5200e-003	1.2609	1.2300e-003	1.2621	0.1387	1.1600e-003	0.1399		159.4006	159.4006	0.0102		159.6546

3.5 Paving - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.5 Paving - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	2.2154	2.2300e-003	2.2176	0.2337	2.1300e-003	0.2358		283.8193	283.8193	0.0221		284.3721
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0711	1.0408	0.5383	3.4100e-003	5.4749	2.8000e-003	5.4777	0.5723	2.6500e-003	0.5750		360.2741	360.2741	0.0243		360.8817

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2913	7.8490	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2913	7.8490	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.5 Paving - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	0.9876	2.2300e-003	0.9898	0.1110	2.1300e-003	0.1131		283.8193	283.8193	0.0221		284.3721
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0711	1.0408	0.5383	3.4100e-003	2.4307	2.8000e-003	2.4335	0.2682	2.6500e-003	0.2709		360.2741	360.2741	0.0243		360.8817

3.6 Architectural Coating - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.4484					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	1.6673	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.6 Architectural Coating - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.2910	15.2910	4.4000e-004		15.3019
Total	0.0206	0.4113	0.1654	1.2100e-003	1.5381	1.0000e-003	1.5391	0.1612	9.5000e-004	0.1621		128.8187	128.8187	9.2800e-003		129.0508

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.4484					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	1.5029	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.6 Architectural Coating - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	7.8400e-003	5.0400e-003	0.0499	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.2910	15.2910	4.4000e-004		15.3019
Total	0.0206	0.4113	0.1654	1.2100e-003	0.6837	1.0000e-003	0.6847	0.0759	9.5000e-004	0.0768		128.8187	128.8187	9.2800e-003		129.0508

3.7 Site Preparation - Park - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.7 Site Preparation - Park - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	2.1900	1.1200e-003	2.1911	0.2289	1.0600e-003	0.2300		144.1096	144.1096	9.7200e-003		144.3527

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6967	12.1620	22.9600	0.0380	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.7 Site Preparation - Park - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	0.9723	1.1200e-003	0.9734	0.1073	1.0600e-003	0.1084		144.1096	144.1096	9.7200e-003		144.3527

3.8 Landscaping - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1391	32.9139	12.1133	0.0256		1.5974	1.5974		1.4696	1.4696		2,482.0566	2,482.0566	0.8028		2,502.1253
Total	3.1391	32.9139	12.1133	0.0256	18.0663	1.5974	19.6636	9.9307	1.4696	11.4003		2,482.0566	2,482.0566	0.8028		2,502.1253

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.8 Landscaping - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	2.1900	1.1200e-003	2.1911	0.2289	1.0600e-003	0.2300		144.1096	144.1096	9.7200e-003		144.3527

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.4182	6.7436	13.5918	0.0256		0.0418	0.0418		0.0418	0.0418	0.0000	2,482.0566	2,482.0566	0.8028		2,502.1253
Total	0.4182	6.7436	13.5918	0.0256	7.0458	0.0418	7.0877	3.8730	0.0418	3.9148	0.0000	2,482.0566	2,482.0566	0.8028		2,502.1253

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.8 Landscaping - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	0.9723	1.1200e-003	0.9734	0.1073	1.0600e-003	0.1084		144.1096	144.1096	9.7200e-003		144.3527

3.8 Landscaping - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.5113	26.3810	10.7460	0.0256		1.2521	1.2521		1.1519	1.1519		2,481.1061	2,481.1061	0.8024		2,501.1671
Total	2.5113	26.3810	10.7460	0.0256	18.0663	1.2521	19.3184	9.9307	1.1519	11.0826		2,481.1061	2,481.1061	0.8024		2,501.1671

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.8 Landscaping - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	2.1900	9.9000e-004	2.1910	0.2289	9.3000e-004	0.2299		141.9021	141.9021	9.3600e-003		142.1362

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.4182	6.7436	13.5918	0.0256		0.0418	0.0418		0.0418	0.0418	0.0000	2,481.1061	2,481.1061	0.8024		2,501.1671
Total	0.4182	6.7436	13.5918	0.0256	7.0458	0.0418	7.0877	3.8730	0.0418	3.9148	0.0000	2,481.1061	2,481.1061	0.8024		2,501.1671

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.8 Landscaping - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	0.9723	9.9000e-004	0.9733	0.1073	9.3000e-004	0.1082		141.9021	141.9021	9.3600e-003		142.1362

3.9 Grading - Park - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.4361	0.0000	7.4361	3.4629	0.0000	3.4629			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	7.4361	1.1599	8.5960	3.4629	1.0671	4.5300		2,871.9285	2,871.9285	0.9288		2,895.1495

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.9 Grading - Park - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		45.8729	45.8729	1.3200e-003		45.9058
Total	0.0363	0.4214	0.2652	1.5200e-003	2.8419	1.2300e-003	2.8431	0.2967	1.1600e-003	0.2978		159.4006	159.4006	0.0102		159.6546

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9001	0.0000	2.9001	1.3505	0.0000	1.3505			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	0.5200	10.3327	18.9906	0.0296	2.9001	0.0484	2.9485	1.3505	0.0484	1.3990	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.9 Grading - Park - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0235	0.0151	0.1496	4.6000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		45.8729	45.8729	1.3200e-003		45.9058
Total	0.0363	0.4214	0.2652	1.5200e-003	1.2609	1.2300e-003	1.2621	0.1387	1.1600e-003	0.1399		159.4006	159.4006	0.0102		159.6546

3.10 Building Construction - Park - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5959	4.3469	4.8644	6.8000e-003		0.2556	0.2556		0.2411	0.2411		618.7961	618.7961	0.1601		622.7973
Total	0.5959	4.3469	4.8644	6.8000e-003		0.2556	0.2556		0.2411	0.2411		618.7961	618.7961	0.1601		622.7973

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.10 Building Construction - Park - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	2.1900	1.1200e-003	2.1911	0.2289	1.0600e-003	0.2300		144.1096	144.1096	9.7200e-003		144.3527

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1393	3.5182	4.7077	6.8000e-003		0.0537	0.0537		0.0537	0.0537	0.0000	618.7961	618.7961	0.1601		622.7973
Total	0.1393	3.5182	4.7077	6.8000e-003		0.0537	0.0537		0.0537	0.0537	0.0000	618.7961	618.7961	0.1601		622.7973

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.10 Building Construction - Park - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	0.9723	1.1200e-003	0.9734	0.1073	1.0600e-003	0.1084		144.1096	144.1096	9.7200e-003		144.3527

3.10 Building Construction - Park - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5345	3.9840	4.8078	6.8100e-003		0.2126	0.2126		0.2007	0.2007		619.0926	619.0926	0.1580		623.0414
Total	0.5345	3.9840	4.8078	6.8100e-003		0.2126	0.2126		0.2007	0.2007		619.0926	619.0926	0.1580		623.0414

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.10 Building Construction - Park - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	2.1900	9.9000e-004	2.1910	0.2289	9.3000e-004	0.2299		141.9021	141.9021	9.3600e-003		142.1362

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1393	3.5182	4.7077	6.8100e-003		0.0537	0.0537		0.0537	0.0537	0.0000	619.0926	619.0926	0.1580		623.0414
Total	0.1393	3.5182	4.7077	6.8100e-003		0.0537	0.0537		0.0537	0.0537	0.0000	619.0926	619.0926	0.1580		623.0414

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.10 Building Construction - Park - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	0.9723	9.9000e-004	0.9733	0.1073	9.3000e-004	0.1082		141.9021	141.9021	9.3600e-003		142.1362

3.11 Paving - Park - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504		1,805.1297	1,805.1297	0.5672		1,819.3091
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504		1,805.1297	1,805.1297	0.5672		1,819.3091

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.11 Paving - Park - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0668	0.9821	0.5049	3.3500e-003	5.4749	2.4800e-003	5.4774	0.5723	2.3400e-003	0.5747		354.7552	354.7552	0.0234		355.3406

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2913	7.8490	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,805.1297	1,805.1297	0.5672		1,819.3091
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2913	7.8490	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,805.1297	1,805.1297	0.5672		1,819.3091

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.11 Paving - Park - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	0.9876	1.9200e-003	0.9895	0.1110	1.8300e-003	0.1129		281.1026	281.1026	0.0214		281.6377
Worker	0.0372	0.0230	0.2314	7.4000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0668	0.9821	0.5049	3.3500e-003	2.4307	2.4800e-003	2.4331	0.2682	2.3400e-003	0.2706		354.7552	354.7552	0.0234		355.3406

3.12 Architectural Coating - Park - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.6072					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	0.8117	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.12 Architectural Coating - Park - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.7305	14.7305	4.0000e-004		14.7406
Total	0.0193	0.3882	0.1557	1.1900e-003	1.5381	8.8000e-004	1.5389	0.1612	8.3000e-004	0.1620		127.1716	127.1716	8.9600e-003		127.3957

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.6072					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	0.6617	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

3.12 Architectural Coating - Park - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	7.4300e-003	4.6000e-003	0.0463	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.7305	14.7305	4.0000e-004		14.7406
Total	0.0193	0.3882	0.1557	1.1900e-003	0.6837	8.8000e-004	0.6845	0.0759	8.3000e-004	0.0767		127.1716	127.1716	8.9600e-003		127.3957

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0821	0.3110	0.8501	2.8500e-003	0.2725	2.3100e-003	0.2748	0.0728	2.1500e-003	0.0750		290.8732	290.8732	0.0156		291.2644
Unmitigated	0.0821	0.3110	0.8501	2.8500e-003	0.2725	2.3100e-003	0.2748	0.0728	2.1500e-003	0.0750		290.8732	290.8732	0.0156		291.2644

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	14.50	14.50	14.50	30,955	30,955
Recreational Swimming Pool	54.00	54.00	54.00	97,593	97,593
Total	68.50	68.50	68.50	128,548	128,548

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Recreational Swimming Pool	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
NaturalGas Unmitigated	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	9.20548	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
Total		1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.00920548	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
Total		1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894

6.0 Area Detail**6.1 Mitigation Measures Area**

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Unmitigated	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0411					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Total	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0411					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Total	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Proctor Valley EIR - South Village Non-Residential - San Diego County, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

Proctor Valley EIR - South Village Non-Residential
San Diego County, Summer**1.0 Project Characteristics**

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	2.90	Acre	2.90	420.00	0
Recreational Swimming Pool	1.50	1000sqft	1.00	1,500.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	481.93	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation -

Waste Mitigation - 75% waste diversion consistent with AB 341 (not mitigation)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	960.00	750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	960.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,880.00	2,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	2,880.00	630.00

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

tblArchitecturalCoating	ConstArea_Parking	0.00	261.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaCoating	Area_Nonresidential_Exterior	960	0
tblAreaCoating	Area_Nonresidential_Interior	2880	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	18.00	6.00
tblConstructionPhase	NumDays	18.00	6.00
tblConstructionPhase	NumDays	230.00	72.00
tblConstructionPhase	NumDays	230.00	72.00
tblConstructionPhase	NumDays	8.00	3.00
tblConstructionPhase	NumDays	8.00	3.00
tblConstructionPhase	NumDays	18.00	6.00
tblConstructionPhase	NumDays	18.00	6.00
tblConstructionPhase	NumDays	5.00	2.00
tblConstructionPhase	NumDays	5.00	22.00
tblConstructionPhase	NumDays	5.00	66.00

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

[illegible]

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	481.93
tblProjectCharacteristics	OperationalYear	2018	2024
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	15.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	6.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	18.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblVehicleTrips	ST_TR	22.75	5.00
tblVehicleTrips	ST_TR	9.10	36.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	13.60	36.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	33.82	36.00

2.0 Emissions Summary

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	7.0792	74.2436	33.6874	0.0664	40.5125	3.6440	44.1565	20.3192	3.3525	23.6717	0.0000	6,465.950 3	6,465.950 3	2.0133	0.0000	6,516.282 2
2022	3.0944	31.1512	15.9477	0.0352	22.4462	1.4666	23.9128	10.3885	1.3545	11.7430	0.0000	3,393.854 5	3,393.854 5	0.9782	0.0000	3,418.310 5
Maximum	7.0792	74.2436	33.6874	0.0664	40.5125	3.6440	44.1565	20.3192	3.3525	23.6717	0.0000	6,465.950 3	6,465.950 3	2.0133	0.0000	6,516.282 2

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	1.5219	19.7382	36.9716	0.0664	16.0362	0.1061	16.1423	7.9605	0.1060	8.0665	0.0000	6,465.950 3	6,465.950 3	2.0133	0.0000	6,516.282 2
2022	0.6795	11.0481	18.6934	0.0352	8.9904	0.0974	9.0878	4.0876	0.0973	4.1849	0.0000	3,393.854 5	3,393.854 5	0.9782	0.0000	3,418.310 5
Maximum	1.5219	19.7382	36.9716	0.0664	16.0362	0.1061	16.1423	7.9605	0.1060	8.0665	0.0000	6,465.950 3	6,465.950 3	2.0133	0.0000	6,516.282 2

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	78.36	70.79	-12.15	0.00	60.25	96.02	62.93	60.77	95.68	65.41	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Energy	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
Mobile	0.0851	0.3049	0.8484	3.0100e-003	0.2725	2.3000e-003	0.2748	0.0728	2.1400e-003	0.0750		306.8037	306.8037	0.0154		307.1894
Total	0.1263	0.3058	0.8496	3.0200e-003	0.2725	2.3700e-003	0.2749	0.0728	2.2100e-003	0.0750		307.8877	307.8877	0.0155	2.0000e-005	308.2798

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Energy	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
Mobile	0.0851	0.3049	0.8484	3.0100e-003	0.2725	2.3000e-003	0.2748	0.0728	2.1400e-003	0.0750		306.8037	306.8037	0.0154		307.1894
Total	0.1263	0.3058	0.8496	3.0200e-003	0.2725	2.3700e-003	0.2749	0.0728	2.2100e-003	0.0750		307.8877	307.8877	0.0155	2.0000e-005	308.2798

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - Swimming Pool	Site Preparation	4/1/2021	4/2/2021	5	2	
2	Grading - Swimming Pool	Grading	4/5/2021	4/7/2021	5	3	
3	Building Construction - Swimming Pool	Building Construction	4/8/2021	7/16/2021	5	72	
4	Paving - Swimming Pool	Paving	7/19/2021	7/26/2021	5	6	
5	Architectural Coating - Swimming Pool	Architectural Coating	7/27/2021	8/3/2021	5	6	
6	Site Preparation - Park	Site Preparation	10/1/2021	11/1/2021	5	22	
7	Landscaping	Site Preparation	11/1/2021	1/31/2022	5	66	
8	Grading - Park	Grading	11/2/2021	11/4/2021	5	3	
9	Building Construction - Park	Building Construction	11/5/2021	2/14/2022	5	72	
10	Paving - Park	Paving	2/15/2022	2/22/2022	5	6	
11	Architectural Coating - Park	Architectural Coating	2/23/2022	3/2/2022	5	6	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,250; Non-Residential Outdoor: 750; Striped Parking Area: 0
(Architectural Coating – sqft)

OffRoad Equipment

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation - Swimming Pool	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Swimming Pool	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Swimming Pool	Excavators	1	8.00	158	0.38
Grading - Swimming Pool	Graders	1	8.00	187	0.41
Grading - Swimming Pool	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Swimming Pool	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction - Swimming Pool	Cranes	1	7.00	231	0.29
Building Construction - Swimming Pool	Forklifts	3	8.00	89	0.20
Building Construction - Swimming Pool	Generator Sets	1	8.00	84	0.74
Building Construction - Swimming Pool	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Swimming Pool	Welders	1	8.00	46	0.45
Paving - Swimming Pool	Cement and Mortar Mixers	2	6.00	9	0.56
Paving - Swimming Pool	Pavers	1	8.00	130	0.42
Paving - Swimming Pool	Paving Equipment	2	6.00	132	0.36
Paving - Swimming Pool	Rollers	2	6.00	80	0.38
Paving - Swimming Pool	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating - Swimming Pool	Air Compressors	1	6.00	78	0.48
Site Preparation - Park	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Park	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Landscaping	Skid Steer Loaders	2	8.00	247	0.40
Landscaping	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading - Park	Excavators	1	8.00	158	0.38
Grading - Park	Graders	1	8.00	187	0.41
Grading - Park	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Park	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction - Park	Cranes	0	7.00	231	0.29

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

Building Construction - Park	Forklifts	1	8.00	89	0.20
Building Construction - Park	Generator Sets	0	8.00	84	0.74
Building Construction - Park	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction - Park	Welders	1	8.00	46	0.45
Paving - Park	Cement and Mortar Mixers	2	6.00	9	0.56
Paving - Park	Pavers	1	8.00	130	0.42
Paving - Park	Paving Equipment	2	6.00	132	0.36
Paving - Park	Rollers	2	6.00	80	0.38
Paving - Park	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating - Park	Air Compressors	1	6.00	78	0.48
Landscaping	Rubber Tired Dozers	3	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation - Swimming Pool	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Swimming Pool	6	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Swimming Pool	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Swimming Pool	8	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Swimming Pool	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Park	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Park	6	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Park	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - Park	8	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Park	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.2 Site Preparation - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	2.1900	1.0900e-003	2.1911	0.2289	1.0300e-003	0.2300		149.1184	149.1184	9.2600e-003		149.3498

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6967	12.1620	22.9600	0.0380	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.2 Site Preparation - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	0.9723	1.0900e-003	0.9734	0.1073	1.0300e-003	0.1083		149.1184	149.1184	9.2600e-003		149.3498

3.3 Grading - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.4361	0.0000	7.4361	3.4629	0.0000	3.4629			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	7.4361	1.1599	8.5960	3.4629	1.0671	4.5300		2,871.9285	2,871.9285	0.9288		2,895.1495

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.3 Grading - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		48.8665	48.8665	1.3900e-003		48.9013
Total	0.0329	0.4208	0.2629	1.5700e-003	2.8419	1.2000e-003	2.8431	0.2967	1.1300e-003	0.2978		165.4072	165.4072	9.7200e-003		165.6503

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9001	0.0000	2.9001	1.3505	0.0000	1.3505			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	0.5200	10.3327	18.9906	0.0296	2.9001	0.0484	2.9485	1.3505	0.0484	1.3990	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.3 Grading - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		48.8665	48.8665	1.3900e-003		48.9013
Total	0.0329	0.4208	0.2629	1.5700e-003	1.2609	1.2000e-003	1.2621	0.1387	1.1300e-003	0.1399		165.4072	165.4072	9.7200e-003		165.6503

3.4 Building Construction - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.4 Building Construction - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		48.8665	48.8665	1.3900e-003		48.9013
Total	0.0329	0.4208	0.2629	1.5700e-003	2.8419	1.2000e-003	2.8431	0.2967	1.1300e-003	0.2978		165.4072	165.4072	9.7200e-003		165.6503

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.4 Building Construction - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		48.8665	48.8665	1.3900e-003		48.9013
Total	0.0329	0.4208	0.2629	1.5700e-003	1.2609	1.2000e-003	1.2621	0.1387	1.1300e-003	0.1399		165.4072	165.4072	9.7200e-003		165.6503

3.5 Paving - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0940	10.8399	12.2603	0.0189		0.5788	0.5788		0.5342	0.5342		1,804.5523	1,804.5523	0.5670		1,818.7270

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.5 Paving - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	2.2154	2.1400e-003	2.2175	0.2337	2.0500e-003	0.2357		291.3520	291.3520	0.0208		291.8724
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0648	1.0408	0.5247	3.5300e-003	5.4749	2.7100e-003	5.4776	0.5723	2.5700e-003	0.5749		372.7960	372.7960	0.0231		373.3746

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2913	7.8490	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2913	7.8490	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,804.5523	1,804.5523	0.5670		1,818.7270

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.5 Paving - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	0.9876	2.1400e-003	0.9897	0.1110	2.0500e-003	0.1131		291.3520	291.3520	0.0208		291.8724
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0648	1.0408	0.5247	3.5300e-003	2.4307	2.7100e-003	2.4334	0.2682	2.5700e-003	0.2708		372.7960	372.7960	0.0231		373.3746

3.6 Architectural Coating - Swimming Pool - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.4484					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	1.6673	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.6 Architectural Coating - Swimming Pool - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		16.2888	16.2888	4.6000e-004		16.3004
Total	0.0190	0.4118	0.1569	1.2400e-003	1.5381	9.7000e-004	1.5390	0.1612	9.2000e-004	0.1621		132.8296	132.8296	8.7900e-003		133.0494

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.4484					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309
Total	1.5029	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0193		281.9309

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.6 Architectural Coating - Swimming Pool - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	6.9200e-003	4.4900e-003	0.0531	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		16.2888	16.2888	4.6000e-004		16.3004
Total	0.0190	0.4118	0.1569	1.2400e-003	0.6837	9.7000e-004	0.6846	0.0759	9.2000e-004	0.0768		132.8296	132.8296	8.7900e-003		133.0494

3.7 Site Preparation - Park - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.7 Site Preparation - Park - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	2.1900	1.0900e-003	2.1911	0.2289	1.0300e-003	0.2300		149.1184	149.1184	9.2600e-003		149.3498

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6967	12.1620	22.9600	0.0380	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.7 Site Preparation - Park - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	0.9723	1.0900e-003	0.9734	0.1073	1.0300e-003	0.1083		149.1184	149.1184	9.2600e-003		149.3498

3.8 Landscaping - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1391	32.9139	12.1133	0.0256		1.5974	1.5974		1.4696	1.4696		2,482.0566	2,482.0566	0.8028		2,502.1253
Total	3.1391	32.9139	12.1133	0.0256	18.0663	1.5974	19.6636	9.9307	1.4696	11.4003		2,482.0566	2,482.0566	0.8028		2,502.1253

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.8 Landscaping - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	2.1900	1.0900e-003	2.1911	0.2289	1.0300e-003	0.2300		149.1184	149.1184	9.2600e-003		149.3498

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.4182	6.7436	13.5918	0.0256		0.0418	0.0418		0.0418	0.0418	0.0000	2,482.0566	2,482.0566	0.8028		2,502.1253
Total	0.4182	6.7436	13.5918	0.0256	7.0458	0.0418	7.0877	3.8730	0.0418	3.9148	0.0000	2,482.0566	2,482.0566	0.8028		2,502.1253

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.8 Landscaping - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	0.9723	1.0900e-003	0.9734	0.1073	1.0300e-003	0.1083		149.1184	149.1184	9.2600e-003		149.3498

3.8 Landscaping - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.5113	26.3810	10.7460	0.0256		1.2521	1.2521		1.1519	1.1519		2,481.106 1	2,481.106 1	0.8024		2,501.167 1
Total	2.5113	26.3810	10.7460	0.0256	18.0663	1.2521	19.3184	9.9307	1.1519	11.0826		2,481.106 1	2,481.106 1	0.8024		2,501.167 1

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.8 Landscaping - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	2.1900	9.6000e-004	2.1909	0.2289	9.0000e-004	0.2298		146.8279	146.8279	8.9200e-003		147.0510

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.4182	6.7436	13.5918	0.0256		0.0418	0.0418		0.0418	0.0418	0.0000	2,481.106 1	2,481.106 1	0.8024		2,501.167 1
Total	0.4182	6.7436	13.5918	0.0256	7.0458	0.0418	7.0877	3.8730	0.0418	3.9148	0.0000	2,481.106 1	2,481.106 1	0.8024		2,501.167 1

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.8 Landscaping - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	0.9723	9.6000e-004	0.9732	0.1073	9.0000e-004	0.1082		146.8279	146.8279	8.9200e-003		147.0510

3.9 Grading - Park - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.4361	0.0000	7.4361	3.4629	0.0000	3.4629			0.0000			0.0000
Off-Road	2.2903	24.7367	15.8575	0.0296		1.1599	1.1599		1.0671	1.0671		2,871.9285	2,871.9285	0.9288		2,895.1495
Total	2.2903	24.7367	15.8575	0.0296	7.4361	1.1599	8.5960	3.4629	1.0671	4.5300		2,871.9285	2,871.9285	0.9288		2,895.1495

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.9 Grading - Park - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	1.9557	3.4000e-004	1.9561	0.2032	3.1000e-004	0.2035		48.8665	48.8665	1.3900e-003		48.9013
Total	0.0329	0.4208	0.2629	1.5700e-003	2.8419	1.2000e-003	2.8431	0.2967	1.1300e-003	0.2978		165.4072	165.4072	9.7200e-003		165.6503

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9001	0.0000	2.9001	1.3505	0.0000	1.3505			0.0000			0.0000
Off-Road	0.5200	10.3327	18.9906	0.0296		0.0484	0.0484		0.0484	0.0484	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495
Total	0.5200	10.3327	18.9906	0.0296	2.9001	0.0484	2.9485	1.3505	0.0484	1.3990	0.0000	2,871.9285	2,871.9285	0.9288		2,895.1495

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.9 Grading - Park - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0208	0.0135	0.1591	4.9000e-004	0.8659	3.4000e-004	0.8662	0.0943	3.1000e-004	0.0946		48.8665	48.8665	1.3900e-003		48.9013
Total	0.0329	0.4208	0.2629	1.5700e-003	1.2609	1.2000e-003	1.2621	0.1387	1.1300e-003	0.1399		165.4072	165.4072	9.7200e-003		165.6503

3.10 Building Construction - Park - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5959	4.3469	4.8644	6.8000e-003		0.2556	0.2556		0.2411	0.2411		618.7961	618.7961	0.1601		622.7973
Total	0.5959	4.3469	4.8644	6.8000e-003		0.2556	0.2556		0.2411	0.2411		618.7961	618.7961	0.1601		622.7973

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.10 Building Construction - Park - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	2.1900	1.0900e-003	2.1911	0.2289	1.0300e-003	0.2300		149.1184	149.1184	9.2600e-003		149.3498

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1393	3.5182	4.7077	6.8000e-003		0.0537	0.0537		0.0537	0.0537	0.0000	618.7961	618.7961	0.1601		622.7973
Total	0.1393	3.5182	4.7077	6.8000e-003		0.0537	0.0537		0.0537	0.0537	0.0000	618.7961	618.7961	0.1601		622.7973

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.10 Building Construction - Park - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	0.9723	1.0900e-003	0.9734	0.1073	1.0300e-003	0.1083		149.1184	149.1184	9.2600e-003		149.3498

3.10 Building Construction - Park - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5345	3.9840	4.8078	6.8100e-003		0.2126	0.2126		0.2007	0.2007		619.0926	619.0926	0.1580		623.0414
Total	0.5345	3.9840	4.8078	6.8100e-003		0.2126	0.2126		0.2007	0.2007		619.0926	619.0926	0.1580		623.0414

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.10 Building Construction - Park - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	2.1900	9.6000e-004	2.1909	0.2289	9.0000e-004	0.2298		146.8279	146.8279	8.9200e-003		147.0510

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1393	3.5182	4.7077	6.8100e-003		0.0537	0.0537		0.0537	0.0537	0.0000	619.0926	619.0926	0.1580		623.0414
Total	0.1393	3.5182	4.7077	6.8100e-003		0.0537	0.0537		0.0537	0.0537	0.0000	619.0926	619.0926	0.1580		623.0414

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.10 Building Construction - Park - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	0.9723	9.6000e-004	0.9732	0.1073	9.0000e-004	0.1082		146.8279	146.8279	8.9200e-003		147.0510

3.11 Paving - Park - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504		1,805.1297	1,805.1297	0.5672		1,819.3091
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9765	9.5221	12.1940	0.0189		0.4877	0.4877		0.4504	0.4504		1,805.1297	1,805.1297	0.5672		1,819.3091

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.11 Paving - Park - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0327	0.0205	0.2466	7.9000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0608	0.9828	0.4924	3.4700e-003	5.4749	2.4000e-003	5.4773	0.5723	2.2700e-003	0.5746		367.0698	367.0698	0.0223		367.6275

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2913	7.8490	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,805.1297	1,805.1297	0.5672		1,819.3091
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.2913	7.8490	13.5323	0.0189		0.0293	0.0293		0.0293	0.0293	0.0000	1,805.1297	1,805.1297	0.5672		1,819.3091

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.11 Paving - Park - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	0.9876	1.8400e-003	0.9894	0.1110	1.7600e-003	0.1128		288.6138	288.6138	0.0202		289.1183
Worker	0.0327	0.0205	0.2466	7.9000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0608	0.9828	0.4924	3.4700e-003	2.4307	2.4000e-003	2.4331	0.2682	2.2700e-003	0.2705		367.0698	367.0698	0.0223		367.6275

3.12 Architectural Coating - Park - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.6072					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	0.8117	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.12 Architectural Coating - Park - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.6912	15.6912	4.3000e-004		15.7019
Total	0.0178	0.3890	0.1476	1.2300e-003	1.5381	8.5000e-004	1.5389	0.1612	8.0000e-004	0.1620		131.1367	131.1367	8.5000e-003		131.3492

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.6072					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	0.6617	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

3.12 Architectural Coating - Park - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	6.5400e-003	4.1000e-003	0.0493	1.6000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.6912	15.6912	4.3000e-004		15.7019
Total	0.0178	0.3890	0.1476	1.2300e-003	0.6837	8.5000e-004	0.6845	0.0759	8.0000e-004	0.0767		131.1367	131.1367	8.5000e-003		131.3492

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0851	0.3049	0.8484	3.0100e-003	0.2725	2.3000e-003	0.2748	0.0728	2.1400e-003	0.0750		306.8037	306.8037	0.0154		307.1894
Unmitigated	0.0851	0.3049	0.8484	3.0100e-003	0.2725	2.3000e-003	0.2748	0.0728	2.1400e-003	0.0750		306.8037	306.8037	0.0154		307.1894

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	14.50	14.50	14.50	30,955	30,955
Recreational Swimming Pool	54.00	54.00	54.00	97,593	97,593
Total	68.50	68.50	68.50	128,548	128,548

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Recreational Swimming Pool	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
NaturalGas Unmitigated	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	9.20548	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
Total		1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.00920548	1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894
Total		1.0000e-004	9.0000e-004	7.6000e-004	1.0000e-005		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		1.0830	1.0830	2.0000e-005	2.0000e-005	1.0894

6.0 Area Detail**6.1 Mitigation Measures Area**

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Unmitigated	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0411					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Total	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0411					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003
Total	0.0411	0.0000	4.5000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.6000e-004	9.6000e-004	0.0000		1.0300e-003

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Proctor Valley EIR - South Village Non-Residential - San Diego County, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - South Village Non-Residential
San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating - Park	0.18	0.19	-0.01	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Swimming Pool	0.10	0.24	-0.01	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Park	0.72	0.15	0.03	0.00	0.77	0.76	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Swimming Pool	0.71	0.37	-0.08	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Park	0.76	0.57	-0.19	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Swimming Pool	0.76	0.57	-0.19	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.85	0.77	-0.16	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Park	0.66	0.16	-0.11	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Swimming Pool	0.69	0.25	-0.10	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Park	0.82	0.69	-0.08	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Swimming Pool	0.82	0.69	-0.08	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	2	2	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Cranes	Diesel	Tier 4 Interim	1	1	No Change	0.00
Excavators	Diesel	Tier 4 Interim	2	2	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	4	4	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	1	1	No Change	0.00
Graders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Pavers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rollers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	11	11	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	20	20	No Change	0.00
Welders	Diesel	Tier 4 Interim	2	2	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	1.27000E-003	8.81000E-003	1.08900E-002	2.00000E-005	5.30000E-004	5.30000E-004	0.00000E+000	1.53195E+000	1.53195E+000	1.00000E-004	0.00000E+000	1.53451E+000
Cement and Mortar Mixers	5.30000E-004	3.31000E-003	2.78000E-003	1.00000E-005	1.30000E-004	1.30000E-004	0.00000E+000	4.12450E-001	4.12450E-001	4.00000E-005	0.00000E+000	4.13520E-001
Cranes	1.30100E-002	1.52750E-001	6.24600E-002	1.80000E-004	6.20000E-003	5.71000E-003	0.00000E+000	1.59667E+001	1.59667E+001	5.16000E-003	0.00000E+000	1.60958E+001
Excavators	6.90000E-004	6.46000E-003	9.82000E-003	2.00000E-005	3.10000E-004	2.90000E-004	0.00000E+000	1.36130E+000	1.36130E+000	4.40000E-004	0.00000E+000	1.37231E+000
Forklifts	1.83800E-002	1.67870E-001	1.67950E-001	2.20000E-004	1.18400E-002	1.08900E-002	0.00000E+000	1.93380E+001	1.93380E+001	6.25000E-003	0.00000E+000	1.94943E+001
Generator Sets	1.28700E-002	1.13980E-001	1.32650E-001	2.40000E-004	6.04000E-003	6.04000E-003	0.00000E+000	2.03475E+001	2.03475E+001	1.04000E-003	0.00000E+000	2.03734E+001
Graders	1.36000E-003	1.77700E-002	5.30000E-003	2.00000E-005	5.60000E-004	5.20000E-004	0.00000E+000	1.74638E+000	1.74638E+000	5.60000E-004	0.00000E+000	1.76050E+000
Pavers	1.36000E-003	1.40800E-002	1.73700E-002	3.00000E-005	6.80000E-004	6.20000E-004	0.00000E+000	2.47748E+000	2.47748E+000	8.00000E-004	0.00000E+000	2.49751E+000
Paving Equipment	1.67000E-003	1.65500E-002	2.28900E-002	4.00000E-005	8.10000E-004	7.50000E-004	0.00000E+000	3.22065E+000	3.22065E+000	1.04000E-003	0.00000E+000	3.24669E+000
Rollers	1.60000E-003	1.64300E-002	1.68300E-002	2.00000E-005	9.80000E-004	9.00000E-004	0.00000E+000	2.07461E+000	2.07461E+000	6.70000E-004	0.00000E+000	2.09139E+000
Rubber Tired Dozers	1.37810E-001	1.44544E+000	5.42860E-001	1.18000E-003	6.98500E-002	6.42700E-002	0.00000E+000	1.03568E+002	1.03568E+002	3.35000E-002	0.00000E+000	1.04406E+002
Tractors/Loaders/Backhoes	3.50200E-002	3.54660E-001	4.26820E-001	5.90000E-004	2.07700E-002	1.91100E-002	0.00000E+000	5.15968E+001	5.15968E+001	1.66900E-002	0.00000E+000	5.20140E+001
Welders	2.13900E-002	1.07930E-001	1.23400E-001	1.80000E-004	5.18000E-003	5.18000E-003	0.00000E+000	1.35519E+001	1.35519E+001	1.73000E-003	0.00000E+000	1.35952E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	3.30000E-004	6.36000E-003	1.09900E-002	2.00000E-005	2.00000E-005	2.00000E-005	0.00000E+000	1.53195E+000	1.53195E+000	1.00000E-004	0.00000E+000	1.53451E+000
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	1.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	4.12450E-001	4.12450E-001	4.00000E-005	0.00000E+000	4.13520E-001
Cranes	2.98000E-003	4.80100E-002	9.67600E-002	1.80000E-004	3.00000E-004	3.00000E-004	0.00000E+000	1.59667E+001	1.59667E+001	5.16000E-003	0.00000E+000	1.60958E+001
Excavators	1.90000E-004	6.83000E-003	1.17500E-002	2.00000E-005	3.00000E-005	3.00000E-005	0.00000E+000	1.36130E+000	1.36130E+000	4.40000E-004	0.00000E+000	1.37230E+000
Forklifts	4.97000E-003	9.67400E-002	1.67270E-001	2.20000E-004	3.60000E-004	3.60000E-004	0.00000E+000	1.93379E+001	1.93379E+001	6.25000E-003	0.00000E+000	1.94943E+001
Generator Sets	4.34000E-003	8.44600E-002	1.46030E-001	2.40000E-004	3.20000E-004	3.20000E-004	0.00000E+000	2.03474E+001	2.03474E+001	1.04000E-003	0.00000E+000	2.03734E+001
Graders	3.20000E-004	5.23000E-003	1.05500E-002	2.00000E-005	3.00000E-005	3.00000E-005	0.00000E+000	1.74638E+000	1.74638E+000	5.60000E-004	0.00000E+000	1.76050E+000
Pavers	3.50000E-004	1.24200E-002	2.13800E-002	3.00000E-005	5.00000E-005	5.00000E-005	0.00000E+000	2.47748E+000	2.47748E+000	8.00000E-004	0.00000E+000	2.49751E+000
Paving Equipment	4.50000E-004	1.62200E-002	2.79100E-002	4.00000E-005	6.00000E-005	6.00000E-005	0.00000E+000	3.22065E+000	3.22065E+000	1.04000E-003	0.00000E+000	3.24669E+000
Rollers	5.30000E-004	1.03300E-002	1.78500E-002	2.00000E-005	4.00000E-005	4.00000E-005	0.00000E+000	2.07461E+000	2.07461E+000	6.70000E-004	0.00000E+000	2.09138E+000
Rubber Tired Dozers	1.92400E-002	3.10210E-001	6.25220E-001	1.18000E-003	1.92000E-003	1.92000E-003	0.00000E+000	1.03568E+002	1.03568E+002	3.35000E-002	0.00000E+000	1.04406E+002
Tractors/Loaders/Balckhoes	1.31600E-002	2.56020E-001	4.42650E-001	5.90000E-004	9.60000E-004	9.60000E-004	0.00000E+000	5.15967E+001	5.15967E+001	1.66900E-002	0.00000E+000	5.20139E+001
Welders	3.15000E-003	1.19600E-001	1.07770E-001	1.80000E-004	3.36000E-003	3.36000E-003	0.00000E+000	1.35519E+001	1.35519E+001	1.73000E-003	0.00000E+000	1.35952E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	7.40157E-001	2.78093E-001	-9.18274E-003	0.00000E+000	9.62264E-001	9.62264E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.70945E-001	6.85696E-001	-5.49151E-001	0.00000E+000	9.51613E-001	9.47461E-001	0.00000E+000	1.25261E-006	1.25261E-006	0.00000E+000	0.00000E+000	1.24256E-006
Excavators	7.24638E-001	-5.72755E-002	-1.96538E-001	0.00000E+000	9.03226E-001	8.96552E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	7.28698E-006
Forklifts	7.29597E-001	4.23721E-001	4.04882E-003	0.00000E+000	9.69595E-001	9.66942E-001	0.00000E+000	1.03424E-006	1.03424E-006	0.00000E+000	0.00000E+000	1.53891E-006
Generator Sets	6.62782E-001	2.58993E-001	-1.00867E-001	0.00000E+000	9.47020E-001	9.47020E-001	0.00000E+000	1.47438E-006	1.47438E-006	0.00000E+000	0.00000E+000	1.47251E-006
Graders	7.64706E-001	7.05684E-001	-9.90566E-001	0.00000E+000	9.46429E-001	9.42308E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	7.42647E-001	1.17898E-001	-2.30858E-001	0.00000E+000	9.26471E-001	9.19355E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	7.30539E-001	1.99396E-002	-2.19310E-001	0.00000E+000	9.25926E-001	9.20000E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Rollers	6.68750E-001	3.71272E-001	-6.06061E-002	0.00000E+000	9.59184E-001	9.55556E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	4.78151E-006
Rubber Tired Dozers	8.60387E-001	7.85387E-001	-1.51715E-001	0.00000E+000	9.72513E-001	9.70126E-001	0.00000E+000	1.15865E-006	1.15865E-006	0.00000E+000	0.00000E+000	1.24514E-006
Tractors/Loaders/Balckhoes	6.24215E-001	2.78126E-001	-3.70882E-002	0.00000E+000	9.53779E-001	9.49765E-001	0.00000E+000	1.16286E-006	1.16286E-006	0.00000E+000	0.00000E+000	1.15354E-006
Welders	8.52735E-001	-1.08126E-001	1.26661E-001	0.00000E+000	3.51351E-001	3.51351E-001	0.00000E+000	1.47581E-006	1.47581E-006	0.00000E+000	0.00000E+000	1.47110E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input			
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00

Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating - Park	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Park	Roads	0.00	0.00	0.00	0.00	0.55	0.51
Architectural Coating - Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.55	0.51
Building Construction - Park	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Park	Roads	0.07	0.01	0.03	0.00	0.55	0.53
Building Construction - Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Swimming Pool	Roads	0.09	0.01	0.04	0.00	0.55	0.53
Grading - Park	Fugitive Dust	0.01	0.01	0.00	0.00	0.61	0.61
Grading - Park	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Grading - Swimming Pool	Fugitive Dust	0.01	0.01	0.00	0.00	0.61	0.61
Grading - Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Landscaping	Fugitive Dust	1.19	0.66	0.47	0.26	0.61	0.61
Landscaping	Roads	0.06	0.01	0.03	0.00	0.55	0.53
Paving - Park	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Park	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Paving - Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - Swimming Pool	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Site Preparation - Park	Fugitive Dust	0.20	0.11	0.08	0.04	0.61	0.61
Site Preparation - Park	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Site Preparation - Swimming Pool	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.55	0.50

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	150.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	150.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
---------------------	-------------

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00
--	-------

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - South Village Non- Residential	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Apr-21	South Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2024	South Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	481.93	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days	Phase Description
Site Preparation - Swimming Pool	Site Preparation	2021/04/01	2021/04/02	5	2	--
Grading - Swimming Pool	Grading	2021/04/05	2021/04/07	5	3	
Building Construction - Swimming Pool	Building Construction	2021/04/08	2021/07/16	5	72	
Paving - Swimming Pool	Paving	2021/07/19	2021/07/26	5	6	
Architectural Coating - Swimming Pool	Architectural Coating	2021/07/27	2021/08/03	5	6	
Site Preparation - Park	Site Preparation	2021/10/01	2021/11/01	5	22	
Landscaping	Site Preparation	2021/11/01	2022/01/31	5	66	
Grading - Park	Grading	2021/11/02	2021/11/04	5	3	
Building Construction - Park	Building Construction	2021/11/05	2022/02/14	5	72	
Paving - Park	Paving	2022/02/15	2022/02/22	5	6	
Architectural Coating - Park	Architectural Coating	2022/02/23	2022/03/02	5	6	

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment

Phase Name	Equipment	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor			
Site Preparation - Swimming Pool	default							
Grading - Swimming Pool								
Building Construction - Swimming Pool								
Paving - Swimming Pool								
Architectural Coating - Swimming Pool								
Site Preparation - Park								
Grading - Park								
Building Construction - Park						Forklift	1	default
	Tractor/Loader/Backhoe	1						
	Welder	1						
Paving - Park	default							
Architectural Coating - Park								
Landscaping	Skid steer	2						

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement

			Material Import/ Export Phased?	Mean Vehicle Speed (mph)		Material Moisture Content (%) Bulldozing	
Phase Name	Material Imported	Material Exported			Total Acres Graded		Material Silt Content
Site Prep	--						
Grading	--						
Notes: All soil export assumed in South Village Residential CalEEMod inputs							

Table 8: Demolition

Phase Name	Size Metric	Unit Amount
--		

CalEEMod Input Sheet
Construction Phase

Table 10: On-Road Fugitive Dust

Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
Demolition	default							
Site Preparation								
Grading								
Building Construction								
Paving								
Architectural Coating								

Table 11: Architectural Coating

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
Architectural Coating - Swimming Pool	N/A	0	N/A	0	50	2,250	100	750	100	0
Architectural Coating - City Park	N/A	0	N/A	0	50	630	100	210	100	261

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

Proctor Valley EIR - Central Village Residential (P 1-5)

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	532.00	Dwelling Unit	194.60	1,751,876.00	1463

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	441.1	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6
Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

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Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Grading - Refer to CalEEMod Input Matrix Table 7

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Landscape Equipment -

Energy Use - Refer to CalEEMod Input Matrix Table 21

Water And Wastewater -

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation - Notes: 75% waste diversion consistent with AB 341 (not mitigation)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	124,470.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	177,814.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	102,243.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	100,021.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	91,130.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	373,410.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	533,443.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	306,730.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	300,062.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	273,389.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	292.60	532.00
tblFireplaces	NumberWood	186.20	0.00
tblGrading	AcresOfGrading	597.50	775.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	10.00	0.00
tblGrading	AcresOfGrading	10.50	0.00
tblGrading	AcresOfGrading	10.50	0.00
tblGrading	AcresOfGrading	10.50	0.00
tblLandUse	BuildingSpaceSquareFeet	957,600.00	1,751,876.00
tblLandUse	LandUseSquareFeet	957,600.00	1,751,876.00
tblLandUse	LotAcreage	172.73	194.60
tblLandUse	Population	1,522.00	1,463.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

tblOffRoadEquipment	PhaseName	P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	Utilities
tblOffRoadEquipment	PhaseName	Slope Landscaping
tblOffRoadEquipment	PhaseName	P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P2 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName	P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P3 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P1 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName	P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	Utilities
tblOffRoadEquipment	PhaseName	Slope Landscaping
tblOffRoadEquipment	PhaseName	P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

[illegible]

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

[illegible]

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	441.1
tblProjectCharacteristics	OperationalYear	2018	2027
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	7,285.00
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	57.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	WorkerTripNumber	20.00	6.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	192.00	16.00
tblTripsAndVMT	WorkerTripNumber	38.00	6.00
tblTripsAndVMT	WorkerTripNumber	192.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	20.00
tblTripsAndVMT	WorkerTripNumber	192.00	20.00
tblTripsAndVMT	WorkerTripNumber	38.00	6.00
tblTripsAndVMT	WorkerTripNumber	192.00	20.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	192.00	16.00
tblTripsAndVMT	WorkerTripNumber	38.00	4.00
tblTripsAndVMT	WorkerTripNumber	192.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	30.00
tblTripsAndVMT	WorkerTripNumber	192.00	30.00
tblTripsAndVMT	WorkerTripNumber	38.00	10.00
tblTripsAndVMT	WorkerTripNumber	192.00	30.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	18.00
tblTripsAndVMT	WorkerTripNumber	192.00	18.00
tblTripsAndVMT	WorkerTripNumber	38.00	6.00
tblTripsAndVMT	WorkerTripNumber	192.00	18.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	26.60	0.00
tblWoodstoves	NumberNoncatalytic	26.60	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.6111	51.5810	32.9212	0.0645	246.6815	2.4765	248.8603	27.3734	2.2784	29.3781	0.0000	6,261.5315	6,261.5315	1.9600	0.0000	6,310.5311
2021	4.8796	54.1129	36.8358	0.0772	40.6199	2.2216	42.8415	6.8214	2.0439	8.8654	0.0000	7,508.1282	7,508.1282	2.3264	0.0000	7,566.2890
2022	28.8566	23.9093	25.9793	0.0515	14.2094	0.9901	15.1051	1.4833	0.9246	2.3086	0.0000	5,042.8483	5,042.8483	1.4709	0.0000	5,079.6219
2023	34.2780	23.1699	25.1486	0.0474	11.9940	1.0663	12.5501	1.2496	0.9930	2.1328	0.0000	4,603.3884	4,603.3884	1.1573	0.0000	4,632.3220
2024	49.8129	6.1732	9.0012	0.0184	16.1397	0.2245	16.3643	1.6817	0.2164	1.8981	0.0000	1,814.1826	1,814.1826	0.2672	0.0000	1,820.6502
Maximum	49.8129	54.1129	36.8358	0.0772	246.6815	2.4765	248.8603	27.3734	2.2784	29.3781	0.0000	7,508.1282	7,508.1282	2.3264	0.0000	7,566.2890

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.1102	20.6542	37.6855	0.0645	105.4210	0.1065	105.5275	11.5938	0.1063	11.7001	0.0000	6,261.5315	6,261.5315	1.9600	0.0000	6,310.5311
2021	1.2939	24.9060	45.0786	0.0772	17.1420	0.1233	17.2653	2.8070	0.1231	2.9301	0.0000	7,508.1281	7,508.1281	2.3264	0.0000	7,566.2890
2022	28.1119	19.8001	32.6967	0.0515	6.3044	0.1623	6.4668	0.6936	0.1620	0.8557	0.0000	5,042.8483	5,042.8483	1.4709	0.0000	5,079.6219
2023	33.9039	17.8704	29.8429	0.0474	5.3168	0.1409	5.3920	0.5826	0.1407	0.6956	0.0000	4,603.3884	4,603.3884	1.1573	0.0000	4,632.3220
2024	49.4706	5.9328	9.4601	0.0184	7.1550	0.1032	7.1764	0.7842	0.1030	0.8054	0.0000	1,814.1826	1,814.1826	0.2672	0.0000	1,820.6502
Maximum	49.4706	24.9060	45.0786	0.0772	105.4210	0.1623	105.5275	11.5938	0.1620	11.7001	0.0000	7,508.1281	7,508.1281	2.3264	0.0000	7,566.2890

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	6.98	43.90	-19.15	0.00	57.12	90.88	57.75	57.36	90.16	61.90	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7
Energy	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5
Mobile	6.5100	26.6251	77.2700	0.2982	32.1964	0.2278	32.4241	8.6023	0.2116	8.8140		30,476.77 95	30,476.77 95	1.5099		30,514.52 60
Total	55.7758	39.5147	126.3890	0.3795	32.1964	1.4724	33.6687	8.6023	1.4562	10.0586	0.0000	46,365.76 90	46,365.76 90	1.8886	0.2899	46,499.35 82

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7
Energy	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5
Mobile	6.5100	26.6251	77.2700	0.2982	32.1964	0.2278	32.4241	8.6023	0.2116	8.8140		30,476.77 95	30,476.77 95	1.5099		30,514.52 60
Total	55.7758	39.5147	126.3890	0.3795	32.1964	1.4724	33.6687	8.6023	1.4562	10.0586	0.0000	46,365.76 90	46,365.76 90	1.8886	0.2899	46,499.35 82

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	11/1/2020	11/30/2020	5	21	
2	Grading	Grading	12/1/2020	10/31/2021	5	239	
3	Utilities	Site Preparation	10/1/2021	5/31/2022	5	173	
4	Slope Landscaping	Site Preparation	1/1/2022	8/31/2022	5	173	
5	P1 Paving	Paving	3/1/2022	3/31/2022	5	23	
6	P1 Site Preparation (mo. 1)	Site Preparation	4/1/2022	4/30/2022	5	21	
7	P1 Building Construction 1 (mo. 2 -4)	Building Construction	5/1/2022	7/31/2022	5	65	
8	P1 Architectural Coating	Architectural Coating	6/1/2022	7/31/2022	5	43	
9	P1 Building Construction 2 (mo. 5)	Building Construction	8/1/2022	8/31/2022	5	23	
10	P2 Paving	Paving	8/1/2022	8/31/2022	5	23	
11	P2 Site Preparation (mo. 1)	Site Preparation	9/1/2022	9/30/2022	5	22	
12	P2 Building Construction 1 (mo. 2 -4)	Building Construction	10/1/2022	12/31/2022	5	65	
13	P2 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
14	P2 Building Construction 2 (mo. 5)	Building Construction	1/1/2023	1/31/2023	5	22	
15	P3 Paving	Paving	1/1/2023	1/31/2023	5	22	
16	P3 Site Preparation (mo. 1)	Site Preparation	2/1/2023	2/28/2023	5	20	
17	P3 Building Construction 1 (mo. 2 -4)	Building Construction	3/1/2023	5/31/2023	5	66	
18	P3 Architectural Coating	Architectural Coating	4/1/2023	5/31/2023	5	43	

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

19	P3 Building Construction 2 (mo. 5)	Building Construction	6/1/2023	6/30/2023	5	22
20	P4 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21
21	P4 Paving	Paving	7/1/2023	7/31/2023	5	21
22	P4 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66
23	P4 Architectural Coating	Architectural Coating	9/1/2023	10/31/2023	5	43
24	P4 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22
25	P5 Paving	Paving	11/1/2023	11/30/2023	5	22
26	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2023	12/31/2023	5	21
27	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2024	3/31/2024	5	65
28	P5 Architectural Coating	Architectural Coating	2/1/2024	3/31/2024	5	42
29	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2024	4/30/2024	5	22

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 306,730; Residential Outdoor: 102,243; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Utilities	Excavators	1	8.00	158	0.38
Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P1 Architectural Coating	Air Compressors	2	6.00	78	0.48
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P2 Architectural Coating	Air Compressors	2	6.00	78	0.48
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P3 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36
P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P3 Architectural Coating	Air Compressors	2	6.00	78	0.48
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

P4 Paving	Rollers	2	8.00	80	0.38
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P4 Architectural Coating	Air Compressors	2	6.00	78	0.48
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P5 Paving	Pavers	2	8.00	130	0.42
P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P5 Architectural Coating	Air Compressors	2	6.00	78	0.48
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	10.00	4.00	7,285.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

Utilities	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	5	18.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2)	2	18.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	4	18.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	16.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2)	2	16.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	4	16.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	20.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2)	2	20.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	4	20.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2)	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	30.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2)	2	30.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	4	30.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5705	47.6565	25.6357	0.0442		2.4739	2.4739		2.2760	2.2760		4,283.9057	4,283.9057	1.3855		4,318.5432
Total	4.5705	47.6565	25.6357	0.0442	18.0663	2.4739	20.5401	9.9307	2.2760	12.2066		4,283.9057	4,283.9057	1.3855		4,318.5432

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.2 Site Preparation - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		47.4679	47.4679	1.4300e-003		47.5037
Total	0.0406	0.4673	0.2879	1.5500e-003	2.8419	2.6000e-003	2.8445	0.2967	2.4700e-003	0.2991		162.0528	162.0528	0.0107		162.3190

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0442		0.0723	0.0723		0.0723	0.0723	0.0000	4,283.9057	4,283.9057	1.3855		4,318.5432
Total	0.7732	14.9013	27.6742	0.0442	7.0458	0.0723	7.1181	3.8730	0.0723	3.9452	0.0000	4,283.9057	4,283.9057	1.3855		4,318.5432

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.2 Site Preparation - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0249	0.0167	0.1604	4.8000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		47.4679	47.4679	1.4300e-003		47.5037
Total	0.0406	0.4673	0.2879	1.5500e-003	1.2609	2.6000e-003	1.2635	0.1387	2.4700e-003	0.1412		162.0528	162.0528	0.0107		162.3190

3.3 Grading - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.4610	0.0000	9.4610	3.6815	0.0000	3.6815			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	9.4610	2.1739	11.6349	3.6815	2.0000	5.6815		6,005.8653	6,005.8653	1.9424		6,054.4257

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.3 Grading - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0419	0.9051	0.5682	6.1000e-004	233.0748	2.1300e-003	233.0769	23.2597	2.0400e-003	23.2618		61.9681	61.9681	5.9700e-003		62.1173
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		79.1132	79.1132	2.3800e-003		79.1727
Total	0.0991	1.3835	0.9629	2.4700e-003	237.2205	4.9600e-003	237.2255	23.6918	4.7200e-003	23.6965		255.6662	255.6662	0.0176		256.1054

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6898	0.0000	3.6898	1.4358	0.0000	1.4358			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	1.0110	19.2707	36.7226	0.0620	3.6898	0.1015	3.7913	1.4358	0.1015	1.5373	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.3 Grading - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0419	0.9051	0.5682	6.1000e-004	99.8931	2.1300e-003	99.8952	9.9564	2.0400e-003	9.9585		61.9681	61.9681	5.9700e-003		62.1173
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	1.4431	5.8000e-004	1.4437	0.1572	5.3000e-004	0.1577		79.1132	79.1132	2.3800e-003		79.1727
Total	0.0991	1.3835	0.9629	2.4700e-003	101.7312	4.9600e-003	101.7362	10.1580	4.7200e-003	10.1627		255.6662	255.6662	0.0176		256.1054

3.3 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.4610	0.0000	9.4610	3.6815	0.0000	3.6815			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.043 4	6,007.043 4	1.9428		6,055.613 4
Total	4.1912	46.3998	30.8785	0.0620	9.4610	1.9853	11.4463	3.6815	1.8265	5.5081		6,007.043 4	6,007.043 4	1.9428		6,055.613 4

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0358	0.8481	0.5066	6.0000e-004	24.8233	4.0000e-004	24.8237	2.4789	3.8000e-004	2.4792		61.5744	61.5744	5.3600e-003		61.7083
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0878	1.2796	0.8715	2.4300e-003	28.9690	1.8600e-003	28.9708	2.9110	1.7500e-003	2.9127		251.5569	251.5569	0.0164		251.9668

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6898	0.0000	3.6898	1.4358	0.0000	1.4358			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	1.0110	19.2707	36.7226	0.0620	3.6898	0.1015	3.7913	1.4358	0.1015	1.5373	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0358	0.8481	0.5066	6.0000e-004	10.6419	4.0000e-004	10.6423	1.0623	3.8000e-004	1.0627		61.5744	61.5744	5.3600e-003		61.7083
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0878	1.2796	0.8715	2.4300e-003	12.4800	1.8600e-003	12.4819	1.2639	1.7500e-003	1.2657		251.5569	251.5569	0.0164		251.9668

3.4 Utilities - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.418 2	1,105.418 2	0.3575		1,114.3561
Total	0.5722	6.0172	4.8705	0.0114	0.0000	0.2333	0.2333	0.0000	0.2146	0.2146		1,105.418 2	1,105.418 2	0.3575		1,114.356 1

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.4 Utilities - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	2.1900	1.1200e-003	2.1911	0.2289	1.0600e-003	0.2300		144.1096	144.1096	9.7200e-003		144.3527

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.418 2	1,105.418 2	0.3575		1,114.3561
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.418 2	1,105.418 2	0.3575		1,114.356 1

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3.4 Utilities - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	0.9723	1.1200e-003	0.9734	0.1073	1.0600e-003	0.1084		144.1096	144.1096	9.7200e-003		144.3527

3.4 Utilities - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.4938	4.8020	4.7864	0.0114	0.0000	0.1874	0.1874	0.0000	0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196

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3.4 Utilities - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	2.1900	9.9000e-004	2.1910	0.2289	9.3000e-004	0.2299		141.9021	141.9021	9.3600e-003		142.1362

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.4 Utilities - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	0.9723	9.9000e-004	0.9733	0.1073	9.3000e-004	0.1082		141.9021	141.9021	9.3600e-003		142.1362

3.5 Slope Landscaping - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.4938	4.8020	4.7864	0.0114	0.0000	0.1874	0.1874	0.0000	0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.5 Slope Landscaping - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	2.1900	9.9000e-004	2.1910	0.2289	9.3000e-004	0.2299		141.9021	141.9021	9.3600e-003		142.1362

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.5 Slope Landscaping - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	0.9723	9.9000e-004	0.9733	0.1073	9.3000e-004	0.1082		141.9021	141.9021	9.3600e-003		142.1362

3.6 P1 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.6 P1 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0594	0.9775	0.4587	3.2000e-003	4.8230	2.3600e-003	4.8254	0.5046	2.2400e-003	0.5068		340.0247	340.0247	0.0230		340.6000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.6 P1 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	0.9876	1.9200e-003	0.9895	0.1110	1.8300e-003	0.1129		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0594	0.9775	0.4587	3.2000e-003	2.1421	2.3600e-003	2.1444	0.2368	2.2400e-003	0.2390		340.0247	340.0247	0.0230		340.6000

3.7 P1 Site Preparation (mo. 1) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	1.2591	12.9029	9.7482	0.0194	0.0000	0.6112	0.6112	0.0000	0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.7 P1 Site Preparation (mo. 1) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	1.3292	1.1500e-003	1.3304	0.1402	1.1000e-003	0.1413		168.6616	168.6616	0.0128		168.9826
Worker	0.0669	0.0414	0.4164	1.3300e-003	5.8672	1.0000e-003	5.8682	0.6096	9.2000e-004	0.6105		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0847	0.6168	0.5806	2.9000e-003	7.1964	2.1500e-003	7.1986	0.7498	2.0200e-003	0.7518		301.2362	301.2362	0.0165		301.6477

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.7 P1 Site Preparation (mo. 1) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	0.5926	1.1500e-003	0.5937	0.0666	1.1000e-003	0.0677		168.6616	168.6616	0.0128		168.9826
Worker	0.0669	0.0414	0.4164	1.3300e-003	2.5976	1.0000e-003	2.5986	0.2830	9.2000e-004	0.2839		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0847	0.6168	0.5806	2.9000e-003	3.1901	2.1500e-003	3.1923	0.3496	2.0200e-003	0.3516		301.2362	301.2362	0.0165		301.6477

3.8 P1 Building Construction 1 (mo. 2-4) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2560	2.9465	4.2466	6.1700e-003		0.1305	0.1305		0.1200	0.1200		597.3386	597.3386	0.1932		602.1683
Total	0.2560	2.9465	4.2466	6.1700e-003		0.1305	0.1305		0.1200	0.1200		597.3386	597.3386	0.1932		602.1683

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.8 P1 Building Construction 1 (mo. 2-4) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	1.3292	1.1500e-003	1.3304	0.1402	1.1000e-003	0.1413		168.6616	168.6616	0.0128		168.9826
Worker	0.0669	0.0414	0.4164	1.3300e-003	5.8672	1.0000e-003	5.8682	0.6096	9.2000e-004	0.6105		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0847	0.6168	0.5806	2.9000e-003	7.1964	2.1500e-003	7.1986	0.7498	2.0200e-003	0.7518		301.2362	301.2362	0.0165		301.6477

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.3386	597.3386	0.1932		602.1683
Total	0.1385	2.6950	4.6596	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.3386	597.3386	0.1932		602.1683

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.8 P1 Building Construction 1 (mo. 2-4) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	0.5926	1.1500e-003	0.5937	0.0666	1.1000e-003	0.0677		168.6616	168.6616	0.0128		168.9826
Worker	0.0669	0.0414	0.4164	1.3300e-003	2.5976	1.0000e-003	2.5986	0.2830	9.2000e-004	0.2839		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0847	0.6168	0.5806	2.9000e-003	3.1901	2.1500e-003	3.1923	0.3496	2.0200e-003	0.3516		301.2362	301.2362	0.0165		301.6477

3.9 P1 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.5522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	27.9612	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.9 P1 Architectural Coating - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		44.1915	44.1915	1.2100e-003		44.2217
Total	0.0342	0.3974	0.2482	1.4800e-003	2.8419	1.1000e-003	2.8430	0.2967	1.0400e-003	0.2977		156.6326	156.6326	9.7700e-003		156.8768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.5522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0367		563.8123
Total	27.6611	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0367		563.8123

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.9 P1 Architectural Coating - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		44.1915	44.1915	1.2100e-003		44.2217
Total	0.0342	0.3974	0.2482	1.4800e-003	1.2609	1.1000e-003	1.2620	0.1387	1.0400e-003	0.1398		156.6326	156.6326	9.7700e-003		156.8768

3.10 P1 Building Construction 2 (mo. 5) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3099	3.7057	5.3712	8.3000e-003		0.1350	0.1350		0.1253	0.1253		785.0533	785.0533	0.2428		791.1235
Total	0.3099	3.7057	5.3712	8.3000e-003		0.1350	0.1350		0.1253	0.1253		785.0533	785.0533	0.2428		791.1235

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.10 P1 Building Construction 2 (mo. 5) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	1.3292	1.1500e-003	1.3304	0.1402	1.1000e-003	0.1413		168.6616	168.6616	0.0128		168.9826
Worker	0.0669	0.0414	0.4164	1.3300e-003	5.8672	1.0000e-003	5.8682	0.6096	9.2000e-004	0.6105		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0847	0.6168	0.5806	2.9000e-003	7.1964	2.1500e-003	7.1986	0.7498	2.0200e-003	0.7518		301.2362	301.2362	0.0165		301.6477

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.0533	785.0533	0.2428		791.1235
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.0533	785.0533	0.2428		791.1235

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.10 P1 Building Construction 2 (mo. 5) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	0.5926	1.1500e-003	0.5937	0.0666	1.1000e-003	0.0677		168.6616	168.6616	0.0128		168.9826
Worker	0.0669	0.0414	0.4164	1.3300e-003	2.5976	1.0000e-003	2.5986	0.2830	9.2000e-004	0.2839		132.5746	132.5746	3.6200e-003		132.6651
Total	0.0847	0.6168	0.5806	2.9000e-003	3.1901	2.1500e-003	3.1923	0.3496	2.0200e-003	0.3516		301.2362	301.2362	0.0165		301.6477

3.11 P2 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.11 P2 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0594	0.9775	0.4587	3.2000e-003	4.8230	2.3600e-003	4.8254	0.5046	2.2400e-003	0.5068		340.0247	340.0247	0.0230		340.6000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.11 P2 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	0.9876	1.9200e-003	0.9895	0.1110	1.8300e-003	0.1129		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0594	0.9775	0.4587	3.2000e-003	2.1421	2.3600e-003	2.1444	0.2368	2.2400e-003	0.2390		340.0247	340.0247	0.0230		340.6000

3.12 P2 Site Preparation (mo. 1) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	1.2591	12.9029	9.7482	0.0194	0.0000	0.6112	0.6112	0.0000	0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.12 P2 Site Preparation (mo. 1) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	1.3292	1.1500e-003	1.3304	0.1402	1.1000e-003	0.1413		168.6616	168.6616	0.0128		168.9826
Worker	0.0595	0.0368	0.3702	1.1800e-003	5.2153	8.9000e-004	5.2162	0.5418	8.2000e-004	0.5427		117.8441	117.8441	3.2200e-003		117.9245
Total	0.0773	0.6122	0.5343	2.7500e-003	6.5445	2.0400e-003	6.5465	0.6820	1.9200e-003	0.6840		286.5057	286.5057	0.0161		286.9072

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.12 P2 Site Preparation (mo. 1) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	0.5926	1.1500e-003	0.5937	0.0666	1.1000e-003	0.0677		168.6616	168.6616	0.0128		168.9826
Worker	0.0595	0.0368	0.3702	1.1800e-003	2.3089	8.9000e-004	2.3098	0.2515	8.2000e-004	0.2523		117.8441	117.8441	3.2200e-003		117.9245
Total	0.0773	0.6122	0.5343	2.7500e-003	2.9015	2.0400e-003	2.9035	0.3181	1.9200e-003	0.3201		286.5057	286.5057	0.0161		286.9072

3.13 P2 Building Construction 1 (mo. 2-4) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2560	2.9465	4.2466	6.1700e-003		0.1305	0.1305		0.1200	0.1200		597.3386	597.3386	0.1932		602.1683
Total	0.2560	2.9465	4.2466	6.1700e-003		0.1305	0.1305		0.1200	0.1200		597.3386	597.3386	0.1932		602.1683

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.13 P2 Building Construction 1 (mo. 2-4) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	1.3292	1.1500e-003	1.3304	0.1402	1.1000e-003	0.1413		168.6616	168.6616	0.0128		168.9826
Worker	0.0595	0.0368	0.3702	1.1800e-003	5.2153	8.9000e-004	5.2162	0.5418	8.2000e-004	0.5427		117.8441	117.8441	3.2200e-003		117.9245
Total	0.0773	0.6122	0.5343	2.7500e-003	6.5445	2.0400e-003	6.5465	0.6820	1.9200e-003	0.6840		286.5057	286.5057	0.0161		286.9072

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.3386	597.3386	0.1932		602.1683
Total	0.1385	2.6950	4.6596	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.3386	597.3386	0.1932		602.1683

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.13 P2 Building Construction 1 (mo. 2-4) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0178	0.5754	0.1642	1.5700e-003	0.5926	1.1500e-003	0.5937	0.0666	1.1000e-003	0.0677		168.6616	168.6616	0.0128		168.9826
Worker	0.0595	0.0368	0.3702	1.1800e-003	2.3089	8.9000e-004	2.3098	0.2515	8.2000e-004	0.2523		117.8441	117.8441	3.2200e-003		117.9245
Total	0.0773	0.6122	0.5343	2.7500e-003	2.9015	2.0400e-003	2.9035	0.3181	1.9200e-003	0.3201		286.5057	286.5057	0.0161		286.9072

3.14 P2 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.3407					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	26.7498	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.14 P2 Architectural Coating - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		44.1915	44.1915	1.2100e-003		44.2217
Total	0.0342	0.3974	0.2482	1.4800e-003	2.8419	1.1000e-003	2.8430	0.2967	1.0400e-003	0.2977		156.6326	156.6326	9.7700e-003		156.8768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.3407					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0367		563.8123
Total	26.4497	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0367		563.8123

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.14 P2 Architectural Coating - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0223	0.0138	0.1388	4.4000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		44.1915	44.1915	1.2100e-003		44.2217
Total	0.0342	0.3974	0.2482	1.4800e-003	1.2609	1.1000e-003	1.2620	0.1387	1.0400e-003	0.1398		156.6326	156.6326	9.7700e-003		156.8768

3.15 P2 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.15 P2 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0137	0.4525	0.1483	1.5200e-003	1.3292	5.7000e-004	1.3298	0.1402	5.4000e-004	0.1407		164.4416	164.4416	0.0117		164.7338
Worker	0.0565	0.0336	0.3431	1.1400e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		113.3434	113.3434	2.9400e-003		113.4169
Total	0.0702	0.4861	0.4914	2.6600e-003	6.5445	1.4400e-003	6.5459	0.6820	1.3400e-003	0.6834		277.7850	277.7850	0.0146		278.1508

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.15 P2 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0137	0.4525	0.1483	1.5200e-003	0.5926	5.7000e-004	0.5931	0.0666	5.4000e-004	0.0672		164.4416	164.4416	0.0117		164.7338
Worker	0.0565	0.0336	0.3431	1.1400e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		113.3434	113.3434	2.9400e-003		113.4169
Total	0.0702	0.4861	0.4914	2.6600e-003	2.9015	1.4400e-003	2.9029	0.3181	1.3400e-003	0.3195		277.7850	277.7850	0.0146		278.1508

3.16 P3 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.16 P3 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	4.8230	1.3800e-003	4.8244	0.5046	1.3000e-003	0.5059		330.7410	330.7410	0.0210		331.2649

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.16 P3 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	2.1421	1.3800e-003	2.1434	0.2368	1.3000e-003	0.2381		330.7410	330.7410	0.0210		331.2649

3.17 P3 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.17 P3 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0137	0.4525	0.1483	1.5200e-003	1.3292	5.7000e-004	1.3298	0.1402	5.4000e-004	0.1407		164.4416	164.4416	0.0117		164.7338
Worker	0.0706	0.0420	0.4289	1.4200e-003	6.5191	1.0900e-003	6.5202	0.6773	1.0000e-003	0.6783		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0843	0.4945	0.5772	2.9400e-003	7.8483	1.6600e-003	7.8500	0.8175	1.5400e-003	0.8190		306.1208	306.1208	0.0154		306.5050

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.17 P3 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0137	0.4525	0.1483	1.5200e-003	0.5926	5.7000e-004	0.5931	0.0666	5.4000e-004	0.0672		164.4416	164.4416	0.0117		164.7338
Worker	0.0706	0.0420	0.4289	1.4200e-003	2.8862	1.0900e-003	2.8873	0.3144	1.0000e-003	0.3154		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0843	0.4945	0.5772	2.9400e-003	3.4787	1.6600e-003	3.4804	0.3810	1.5400e-003	0.3826		306.1208	306.1208	0.0154		306.5050

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2382	2.7431	4.2397	6.1800e-003		0.1113	0.1113		0.1024	0.1024		597.6829	597.6829	0.1933		602.5155
Total	0.2382	2.7431	4.2397	6.1800e-003		0.1113	0.1113		0.1024	0.1024		597.6829	597.6829	0.1933		602.5155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0137	0.4525	0.1483	1.5200e-003	1.3292	5.7000e-004	1.3298	0.1402	5.4000e-004	0.1407		164.4416	164.4416	0.0117		164.7338
Worker	0.0706	0.0420	0.4289	1.4200e-003	6.5191	1.0900e-003	6.5202	0.6773	1.0000e-003	0.6783		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0843	0.4945	0.5772	2.9400e-003	7.8483	1.6600e-003	7.8500	0.8175	1.5400e-003	0.8190		306.1208	306.1208	0.0154		306.5050

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.6829	597.6829	0.1933		602.5155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.6829	597.6829	0.1933		602.5155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0137	0.4525	0.1483	1.5200e-003	0.5926	5.7000e-004	0.5931	0.0666	5.4000e-004	0.0672		164.4416	164.4416	0.0117		164.7338
Worker	0.0706	0.0420	0.4289	1.4200e-003	2.8862	1.0900e-003	2.8873	0.3144	1.0000e-003	0.3154		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0843	0.4945	0.5772	2.9400e-003	3.4787	1.6600e-003	3.4804	0.3810	1.5400e-003	0.3826		306.1208	306.1208	0.0154		306.5050

3.19 P3 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5418					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380
Total	33.9251	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.19 P3 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0303	0.3143	0.2275	1.4500e-003	2.8419	7.1000e-004	2.8426	0.2967	6.6000e-004	0.2973		152.1315	152.1315	8.8900e-003		152.3539

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5418					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0337		563.7380
Total	33.6507	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0337		563.7380

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.19 P3 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0303	0.3143	0.2275	1.4500e-003	1.2609	7.1000e-004	1.2616	0.1387	6.6000e-004	0.1394		152.1315	152.1315	8.8900e-003		152.3539

3.20 P3 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.20 P3 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0137	0.4525	0.1483	1.5200e-003	1.3292	5.7000e-004	1.3298	0.1402	5.4000e-004	0.1407		164.4416	164.4416	0.0117		164.7338
Worker	0.0706	0.0420	0.4289	1.4200e-003	6.5191	1.0900e-003	6.5202	0.6773	1.0000e-003	0.6783		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0843	0.4945	0.5772	2.9400e-003	7.8483	1.6600e-003	7.8500	0.8175	1.5400e-003	0.8190		306.1208	306.1208	0.0154		306.5050

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.20 P3 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0137	0.4525	0.1483	1.5200e-003	0.5926	5.7000e-004	0.5931	0.0666	5.4000e-004	0.0672		164.4416	164.4416	0.0117		164.7338
Worker	0.0706	0.0420	0.4289	1.4200e-003	2.8862	1.0900e-003	2.8873	0.3144	1.0000e-003	0.3154		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0843	0.4945	0.5772	2.9400e-003	3.4787	1.6600e-003	3.4804	0.3810	1.5400e-003	0.3826		306.1208	306.1208	0.0154		306.5050

3.21 P4 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.21 P4 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		113.3434	113.3434	2.9400e-003		113.4169
Total	0.0656	0.3353	0.4420	2.1600e-003	6.1014	1.2500e-003	6.1027	0.6353	1.1600e-003	0.6365		222.9711	222.9711	0.0107		223.2395

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.21 P4 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		113.3434	113.3434	2.9400e-003		113.4169
Total	0.0656	0.3353	0.4420	2.1600e-003	2.7040	1.2500e-003	2.7052	0.2959	1.1600e-003	0.2971		222.9711	222.9711	0.0107		223.2395

3.22 P4 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.22 P4 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	4.8230	1.3800e-003	4.8244	0.5046	1.3000e-003	0.5059		330.7410	330.7410	0.0210		331.2649

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.22 P4 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	2.1421	1.3800e-003	2.1434	0.2368	1.3000e-003	0.2381		330.7410	330.7410	0.0210		331.2649

3.23 P4 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2382	2.7431	4.2397	6.1800e-003		0.1113	0.1113		0.1024	0.1024		597.6829	597.6829	0.1933		602.5155
Total	0.2382	2.7431	4.2397	6.1800e-003		0.1113	0.1113		0.1024	0.1024		597.6829	597.6829	0.1933		602.5155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.23 P4 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		113.3434	113.3434	2.9400e-003		113.4169
Total	0.0656	0.3353	0.4420	2.1600e-003	6.1014	1.2500e-003	6.1027	0.6353	1.1600e-003	0.6365		222.9711	222.9711	0.0107		223.2395

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.6829	597.6829	0.1933		602.5155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.6829	597.6829	0.1933		602.5155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.23 P4 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		113.3434	113.3434	2.9400e-003		113.4169
Total	0.0656	0.3353	0.4420	2.1600e-003	2.7040	1.2500e-003	2.7052	0.2959	1.1600e-003	0.2971		222.9711	222.9711	0.0107		223.2395

3.24 P4 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.5574					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380
Total	24.9407	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.24 P4 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	2.1900	6.0000e-004	2.1906	0.2289	5.6000e-004	0.2295		137.9636	137.9636	8.5300e-003		138.1768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.5574					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0337		563.7380
Total	24.6663	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0337		563.7380

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.24 P4 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	0.9723	6.0000e-004	0.9729	0.1073	5.6000e-004	0.1079		137.9636	137.9636	8.5300e-003		138.1768

3.25 P4 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.25 P4 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		113.3434	113.3434	2.9400e-003		113.4169
Total	0.0656	0.3353	0.4420	2.1600e-003	6.1014	1.2500e-003	6.1027	0.6353	1.1600e-003	0.6365		222.9711	222.9711	0.0107		223.2395

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.25 P4 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0565	0.0336	0.3431	1.1400e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		113.3434	113.3434	2.9400e-003		113.4169
Total	0.0656	0.3353	0.4420	2.1600e-003	2.7040	1.2500e-003	2.7052	0.2959	1.1600e-003	0.2971		222.9711	222.9711	0.0107		223.2395

3.26 P5 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.26 P5 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	4.8230	1.3800e-003	4.8244	0.5046	1.3000e-003	0.5059		330.7410	330.7410	0.0210		331.2649

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.26 P5 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	2.1421	1.3800e-003	2.1434	0.2368	1.3000e-003	0.2381		330.7410	330.7410	0.0210		331.2649

3.27 P5 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.27 P5 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.1059	0.0630	0.6433	2.1300e-003	9.7786	1.6300e-003	9.7803	1.0159	1.5000e-003	1.0174		212.5189	212.5189	5.5100e-003		212.6567
Total	0.1288	0.8172	0.8904	4.6700e-003	11.9940	2.5700e-003	11.9966	1.2496	2.4000e-003	1.2520		486.5882	486.5882	0.0250		487.2131

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.27 P5 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.1059	0.0630	0.6433	2.1300e-003	4.3293	1.6300e-003	4.3309	0.4716	1.5000e-003	0.4731		212.5189	212.5189	5.5100e-003		212.6567
Total	0.1288	0.8172	0.8904	4.6700e-003	5.3168	2.5700e-003	5.3194	0.5826	2.4000e-003	0.5850		486.5882	486.5882	0.0250		487.2131

3.28 P5 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155
Total	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.28 P5 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.1009	0.0578	0.6006	2.0500e-003	9.7786	1.6000e-003	9.7802	1.0159	1.4800e-003	1.0174		204.1536	204.1536	5.0600e-003		204.2802
Total	0.1230	0.8015	0.8398	4.5700e-003	11.9940	2.5200e-003	11.9965	1.2496	2.3500e-003	1.2519		476.5105	476.5105	0.0243		477.1178

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.28 P5 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	0.9876	9.2000e-004	0.9885	0.1110	8.7000e-004	0.1119		272.3569	272.3569	0.0192		272.8376
Worker	0.1009	0.0578	0.6006	2.0500e-003	4.3293	1.6000e-003	4.3309	0.4716	1.4800e-003	0.4731		204.1536	204.1536	5.0600e-003		204.2802
Total	0.1230	0.8015	0.8398	4.5700e-003	5.3168	2.5200e-003	5.3194	0.5826	2.3500e-003	0.5850		476.5105	476.5105	0.0243		477.1178

3.29 P5 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	49.0577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	49.4192	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.29 P5 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0425	0.3167	0.2959	1.6900e-003	4.1457	9.0000e-004	4.1466	0.4321	8.4000e-004	0.4330		176.9939	176.9939	9.3800e-003		177.2284

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	49.0577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885
Total	49.1666	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.29 P5 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0425	0.3167	0.2959	1.6900e-003	1.8381	9.0000e-004	1.8390	0.2016	8.4000e-004	0.2025		176.9939	176.9939	9.3800e-003		177.2284

3.30 P5 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.30 P5 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.1009	0.0578	0.6006	2.0500e-003	9.7786	1.6000e-003	9.7802	1.0159	1.4800e-003	1.0174		204.1536	204.1536	5.0600e-003		204.2802
Total	0.1230	0.8015	0.8398	4.5700e-003	11.9940	2.5200e-003	11.9965	1.2496	2.3500e-003	1.2519		476.5105	476.5105	0.0243		477.1178

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

3.30 P5 Building Construction 2 (mo. 5) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	0.9876	9.2000e-004	0.9885	0.1110	8.7000e-004	0.1119		272.3569	272.3569	0.0192		272.8376
Worker	0.1009	0.0578	0.6006	2.0500e-003	4.3293	1.6000e-003	4.3309	0.4716	1.4800e-003	0.4731		204.1536	204.1536	5.0600e-003		204.2802
Total	0.1230	0.8015	0.8398	4.5700e-003	5.3168	2.5200e-003	5.3194	0.5826	2.3500e-003	0.5850		476.5105	476.5105	0.0243		477.1178

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.5100	26.6251	77.2700	0.2982	32.1964	0.2278	32.4241	8.6023	0.2116	8.8140		30,476.77 95	30,476.77 95	1.5099		30,514.52 60
Unmitigated	6.5100	26.6251	77.2700	0.2982	32.1964	0.2278	32.4241	8.6023	0.2116	8.8140		30,476.77 95	30,476.77 95	1.5099		30,514.52 60

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	5,320.00	5,320.00	5320.00	15,190,214	15,190,214
Total	5,320.00	5,320.00	5,320.00	15,190,214	15,190,214

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
NaturalGas Unmitigated	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	38624.7	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
Total		0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	38.6247	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
Total		0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7
Unmitigated	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.0098					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	37.4902					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.0327	8.8249	3.7553	0.0563		0.7135	0.7135		0.7135	0.7135	0.0000	11,265.882 4	11,265.882 4	0.2159	0.2065	11,332.829 9
Landscaping	1.3166	0.5051	43.8491	2.3200e-003		0.2433	0.2433		0.2433	0.2433		79.0298	79.0298	0.0757		80.9218
Total	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.91 22	11,344.91 22	0.2916	0.2065	11,413.75 17

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.0098					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	37.4902					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.0327	8.8249	3.7553	0.0563		0.7135	0.7135		0.7135	0.7135	0.0000	11,265.8824	11,265.8824	0.2159	0.2065	11,332.8299
Landscaping	1.3166	0.5051	43.8491	2.3200e-003		0.2433	0.2433		0.2433	0.2433		79.0298	79.0298	0.0757		80.9218
Total	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.9122	11,344.9122	0.2916	0.2065	11,413.7517

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
----------------	--------	----------------	-----------------	---------------	-----------

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

Proctor Valley EIR - Central Village Residential (P 1-5)

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	532.00	Dwelling Unit	194.60	1,751,876.00	1463

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	441.1	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6
Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

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Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Grading - Refer to CalEEMod Input Matrix Table 7

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Landscape Equipment -

Energy Use - Refer to CalEEMod Input Matrix Table 21

Water And Wastewater -

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation - Notes: 75% waste diversion consistent with AB 341 (not mitigation)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	124,470.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	177,814.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	102,243.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	100,021.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	91,130.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	373,410.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	533,443.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	306,730.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	300,062.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	273,389.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	11.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	292.60	532.00
tblFireplaces	NumberWood	186.20	0.00
tblGrading	AcresOfGrading	597.50	775.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	10.00	0.00
tblGrading	AcresOfGrading	10.50	0.00
tblGrading	AcresOfGrading	10.50	0.00
tblGrading	AcresOfGrading	10.50	0.00
tblLandUse	BuildingSpaceSquareFeet	957,600.00	1,751,876.00
tblLandUse	LandUseSquareFeet	957,600.00	1,751,876.00
tblLandUse	LotAcreage	172.73	194.60
tblLandUse	Population	1,522.00	1,463.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

tbloffRoadEquipment	PhaseName	P2 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P2 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P1 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	Utilities
tbloffRoadEquipment	PhaseName	Slope Landscaping
tbloffRoadEquipment	PhaseName	P2 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P2 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P2 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P2 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P3 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P1 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P1 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	Utilities
tbloffRoadEquipment	PhaseName	Slope Landscaping
tbloffRoadEquipment	PhaseName	P2 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P2 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

[illegible]

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

[illegible]

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	441.1
tblProjectCharacteristics	OperationalYear	2018	2027
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	7,285.00
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	57.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	6.00
tblTripsAndVMT	WorkerTripNumber	20.00	6.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	192.00	16.00
tblTripsAndVMT	WorkerTripNumber	38.00	6.00
tblTripsAndVMT	WorkerTripNumber	192.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	20.00
tblTripsAndVMT	WorkerTripNumber	192.00	20.00
tblTripsAndVMT	WorkerTripNumber	38.00	6.00
tblTripsAndVMT	WorkerTripNumber	192.00	20.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	13.00	16.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	192.00	16.00
tblTripsAndVMT	WorkerTripNumber	38.00	4.00
tblTripsAndVMT	WorkerTripNumber	192.00	16.00
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tblTripsAndVMT	WorkerTripNumber	192.00	30.00
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tblTripsAndVMT	WorkerTripNumber	13.00	18.00
tblTripsAndVMT	WorkerTripNumber	192.00	18.00
tblTripsAndVMT	WorkerTripNumber	38.00	6.00
tblTripsAndVMT	WorkerTripNumber	192.00	18.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	26.60	0.00
tblWoodstoves	NumberNoncatalytic	26.60	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.6075	51.5751	32.8640	0.0646	246.6815	2.4764	248.8602	27.3734	2.2784	29.3780	0.0000	6,271.140 0	6,271.140 0	1.9591	0.0000	6,320.1183
2021	4.8695	54.1076	36.7804	0.0774	40.6199	2.2215	42.8414	6.8214	2.0439	8.8653	0.0000	7,522.523 9	7,522.523 9	2.3252	0.0000	7,580.653 0
2022	28.8419	23.9073	25.9695	0.0517	14.2094	0.9900	15.1050	1.4833	0.9245	2.3085	0.0000	5,064.053 8	5,064.053 8	1.4689	0.0000	5,100.777 2
2023	34.2655	23.1691	25.1530	0.0476	11.9940	1.0662	12.5500	1.2496	0.9929	2.1328	0.0000	4,624.616 2	4,624.616 2	1.1562	0.0000	4,653.521 3
2024	49.7945	6.1696	9.0276	0.0186	16.1397	0.2245	16.3642	1.6817	0.2163	1.8980	0.0000	1,841.923 8	1,841.923 8	0.2666	0.0000	1,848.368 0
Maximum	49.7945	54.1076	36.7804	0.0774	246.6815	2.4764	248.8602	27.3734	2.2784	29.3780	0.0000	7,522.523 9	7,522.523 9	2.3252	0.0000	7,580.653 0

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	1.1020	20.6483	37.6283	0.0646	105.4210	0.1064	105.5274	11.5938	0.1062	11.7000	0.0000	6,271.140 0	6,271.140 0	1.9591	0.0000	6,320.1183
2021	1.2838	24.9007	45.0232	0.0774	17.1420	0.1232	17.2653	2.8070	0.1231	2.9300	0.0000	7,522.523 9	7,522.523 9	2.3252	0.0000	7,580.653 0
2022	28.0972	19.7992	32.6711	0.0517	6.3044	0.1622	6.4666	0.6936	0.1619	0.8555	0.0000	5,064.053 8	5,064.053 8	1.4689	0.0000	5,100.777 2
2023	33.8914	17.8697	29.8473	0.0476	5.3168	0.1408	5.3920	0.5826	0.1406	0.6955	0.0000	4,624.616 2	4,624.616 2	1.1562	0.0000	4,653.521 3
2024	49.4521	5.9292	9.4866	0.0186	7.1550	0.1031	7.1763	0.7842	0.1030	0.8054	0.0000	1,841.923 8	1,841.923 8	0.2666	0.0000	1,848.368 0
Maximum	49.4521	24.9007	45.0232	0.0774	105.4210	0.1622	105.5274	11.5938	0.1619	11.7000	0.0000	7,522.523 9	7,522.523 9	2.3252	0.0000	7,580.653 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	6.99	43.91	-19.15	0.00	57.12	90.89	57.75	57.36	90.17	61.90	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7
Energy	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5
Mobile	6.7405	25.9959	79.1209	0.3140	32.1964	0.2270	32.4233	8.6023	0.2109	8.8132		32,078.55 47	32,078.55 47	1.5043		32,116.163 1
Total	56.0063	38.8854	128.2400	0.3954	32.1964	1.4716	33.6679	8.6023	1.4555	10.0578	0.0000	47,967.54 43	47,967.54 43	1.8830	0.2899	48,100.99 53

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.91 22	11,344.91 22	0.2916	0.2065	11,413.751 7
Energy	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5
Mobile	6.7405	25.9959	79.1209	0.3140	32.1964	0.2270	32.4233	8.6023	0.2109	8.8132		32,078.55 47	32,078.55 47	1.5043		32,116.163 1
Total	56.0063	38.8854	128.2400	0.3954	32.1964	1.4716	33.6679	8.6023	1.4555	10.0578	0.0000	47,967.54 43	47,967.54 43	1.8830	0.2899	48,100.99 53

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	11/1/2020	11/30/2020	5	21	
2	Grading	Grading	12/1/2020	10/31/2021	5	239	
3	Utilities	Site Preparation	10/1/2021	5/31/2022	5	173	
4	Slope Landscaping	Site Preparation	1/1/2022	8/31/2022	5	173	
5	P1 Paving	Paving	3/1/2022	3/31/2022	5	23	
6	P1 Site Preparation (mo. 1)	Site Preparation	4/1/2022	4/30/2022	5	21	
7	P1 Building Construction 1 (mo. 2 -4)	Building Construction	5/1/2022	7/31/2022	5	65	
8	P1 Architectural Coating	Architectural Coating	6/1/2022	7/31/2022	5	43	
9	P1 Building Construction 2 (mo. 5)	Building Construction	8/1/2022	8/31/2022	5	23	
10	P2 Paving	Paving	8/1/2022	8/31/2022	5	23	
11	P2 Site Preparation (mo. 1)	Site Preparation	9/1/2022	9/30/2022	5	22	
12	P2 Building Construction 1 (mo. 2 -4)	Building Construction	10/1/2022	12/31/2022	5	65	
13	P2 Architectural Coating	Architectural Coating	11/1/2022	12/31/2022	5	44	
14	P2 Building Construction 2 (mo. 5)	Building Construction	1/1/2023	1/31/2023	5	22	
15	P3 Paving	Paving	1/1/2023	1/31/2023	5	22	
16	P3 Site Preparation (mo. 1)	Site Preparation	2/1/2023	2/28/2023	5	20	
17	P3 Building Construction 1 (mo. 2 -4)	Building Construction	3/1/2023	5/31/2023	5	66	
18	P3 Architectural Coating	Architectural Coating	4/1/2023	5/31/2023	5	43	

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

19	P3 Building Construction 2 (mo. 5)	Building Construction	6/1/2023	6/30/2023	5	22
20	P4 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21
21	P4 Paving	Paving	7/1/2023	7/31/2023	5	21
22	P4 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66
23	P4 Architectural Coating	Architectural Coating	9/1/2023	10/31/2023	5	43
24	P4 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22
25	P5 Paving	Paving	11/1/2023	11/30/2023	5	22
26	P5 Site Preparation (mo. 1)	Site Preparation	12/1/2023	12/31/2023	5	21
27	P5 Building Construction 1 (mo. 2-4)	Building Construction	1/1/2024	3/31/2024	5	65
28	P5 Architectural Coating	Architectural Coating	2/1/2024	3/31/2024	5	42
29	P5 Building Construction 2 (mo. 5)	Building Construction	4/1/2024	4/30/2024	5	22

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 775

Acres of Paving: 0

Residential Indoor: 306,730; Residential Outdoor: 102,243; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Utilities	Excavators	1	8.00	158	0.38
Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Slope Landscaping	Excavators	1	8.00	158	0.38
Slope Landscaping	Rubber Tired Loaders	1	8.00	203	0.36
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P1 Architectural Coating	Air Compressors	2	6.00	78	0.48
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P2 Architectural Coating	Air Compressors	2	6.00	78	0.48
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P3 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36
P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P3 Architectural Coating	Air Compressors	2	6.00	78	0.48
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

P4 Paving	Rollers	2	8.00	80	0.38
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P4 Architectural Coating	Air Compressors	2	6.00	78	0.48
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P5 Paving	Pavers	2	8.00	130	0.42
P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P5 Architectural Coating	Air Compressors	2	6.00	78	0.48
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	10.00	4.00	7,285.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

Utilities	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Slope Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	5	18.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2)	2	18.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	4	18.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	16.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2)	2	16.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	4	16.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	20.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2)	2	20.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	4	20.00	6.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2)	2	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	4	16.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	30.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2)	2	30.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	4	30.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5705	47.6565	25.6357	0.0442		2.4739	2.4739		2.2760	2.2760		4,283.9057	4,283.9057	1.3855		4,318.5432
Total	4.5705	47.6565	25.6357	0.0442	18.0663	2.4739	20.5401	9.9307	2.2760	12.2066		4,283.9057	4,283.9057	1.3855		4,318.5432

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3.2 Site Preparation - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	1.9557	3.5000e-004	1.9561	0.2032	3.2000e-004	0.2035		50.5648	50.5648	1.5100e-003		50.6026
Total	0.0370	0.4659	0.2850	1.6100e-003	2.8419	2.5600e-003	2.8444	0.2967	2.4300e-003	0.2991		168.1809	168.1809	0.0102		168.4355

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0442		0.0723	0.0723		0.0723	0.0723	0.0000	4,283.9057	4,283.9057	1.3855		4,318.5432
Total	0.7732	14.9013	27.6742	0.0442	7.0458	0.0723	7.1181	3.8730	0.0723	3.9452	0.0000	4,283.9057	4,283.9057	1.3855		4,318.5432

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.2 Site Preparation - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0220	0.0148	0.1701	5.1000e-004	0.8659	3.5000e-004	0.8662	0.0943	3.2000e-004	0.0946		50.5648	50.5648	1.5100e-003		50.6026
Total	0.0370	0.4659	0.2850	1.6100e-003	1.2609	2.5600e-003	1.2634	0.1387	2.4300e-003	0.1412		168.1809	168.1809	0.0102		168.4355

3.3 Grading - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.4610	0.0000	9.4610	3.6815	0.0000	3.6815			0.0000			0.0000
Off-Road	4.4501	50.1975	31.9583	0.0620		2.1739	2.1739		2.0000	2.0000		6,005.8653	6,005.8653	1.9424		6,054.4257
Total	4.4501	50.1975	31.9583	0.0620	9.4610	2.1739	11.6349	3.6815	2.0000	5.6815		6,005.8653	6,005.8653	1.9424		6,054.4257

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.3 Grading - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0393	0.9019	0.5073	6.2000e-004	233.0748	2.0600e-003	233.0769	23.2597	1.9700e-003	23.2617		63.3840	63.3840	5.5200e-003		63.5220
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		84.2747	84.2747	2.5200e-003		84.3376
Total	0.0910	1.3776	0.9057	2.5700e-003	237.2205	4.8500e-003	237.2254	23.6918	4.6100e-003	23.6964		265.2747	265.2747	0.0167		265.6926

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6898	0.0000	3.6898	1.4358	0.0000	1.4358			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257
Total	1.0110	19.2707	36.7226	0.0620	3.6898	0.1015	3.7913	1.4358	0.1015	1.5373	0.0000	6,005.8653	6,005.8653	1.9424		6,054.4257

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.3 Grading - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0393	0.9019	0.5073	6.2000e-004	99.8931	2.0600e-003	99.8952	9.9564	1.9700e-003	9.9584		63.3840	63.3840	5.5200e-003		63.5220
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	1.4431	5.8000e-004	1.4437	0.1572	5.3000e-004	0.1577		84.2747	84.2747	2.5200e-003		84.3376
Total	0.0910	1.3776	0.9057	2.5700e-003	101.7312	4.8500e-003	101.7361	10.1580	4.6100e-003	10.1626		265.2747	265.2747	0.0167		265.6926

3.3 Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.4610	0.0000	9.4610	3.6815	0.0000	3.6815			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	4.1912	46.3998	30.8785	0.0620	9.4610	1.9853	11.4463	3.6815	1.8265	5.5081		6,007.0434	6,007.0434	1.9428		6,055.6134

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.3 Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0335	0.8445	0.4525	6.1000e-004	24.8233	3.8000e-004	24.8237	2.4789	3.6000e-004	2.4792		62.9590	62.9590	4.9400e-003		63.0825
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0802	1.2743	0.8216	2.5100e-003	28.9690	1.8100e-003	28.9708	2.9110	1.7000e-003	2.9127		260.9438	260.9438	0.0156		261.3337

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6898	0.0000	3.6898	1.4358	0.0000	1.4358			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0620		0.1015	0.1015		0.1015	0.1015	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	1.0110	19.2707	36.7226	0.0620	3.6898	0.1015	3.7913	1.4358	0.1015	1.5373	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.3 Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0335	0.8445	0.4525	6.1000e-004	10.6419	3.8000e-004	10.6423	1.0623	3.6000e-004	1.0627		62.9590	62.9590	4.9400e-003		63.0825
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0802	1.2743	0.8216	2.5100e-003	12.4800	1.8100e-003	12.4818	1.2639	1.7000e-003	1.2656		260.9438	260.9438	0.0156		261.3337

3.4 Utilities - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.5722	6.0172	4.8705	0.0114		0.2333	0.2333		0.2146	0.2146		1,105.418 2	1,105.418 2	0.3575		1,114.3561
Total	0.5722	6.0172	4.8705	0.0114	0.0000	0.2333	0.2333	0.0000	0.2146	0.2146		1,105.418 2	1,105.418 2	0.3575		1,114.356 1

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.4 Utilities - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	2.1900	1.0900e-003	2.1911	0.2289	1.0300e-003	0.2300		149.1184	149.1184	9.2600e-003		149.3498

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.418 2	1,105.418 2	0.3575		1,114.3561
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.418 2	1,105.418 2	0.3575		1,114.356 1

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.4 Utilities - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	0.9723	1.0900e-003	0.9734	0.1073	1.0300e-003	0.1083		149.1184	149.1184	9.2600e-003		149.3498

3.4 Utilities - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.4938	4.8020	4.7864	0.0114	0.0000	0.1874	0.1874	0.0000	0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.4 Utilities - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	2.1900	9.6000e-004	2.1909	0.2289	9.0000e-004	0.2298		146.8279	146.8279	8.9200e-003		147.0510

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.4 Utilities - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	0.9723	9.6000e-004	0.9732	0.1073	9.0000e-004	0.1082		146.8279	146.8279	8.9200e-003		147.0510

3.5 Slope Landscaping - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.4938	4.8020	4.7864	0.0114	0.0000	0.1874	0.1874	0.0000	0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.5 Slope Landscaping - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	2.1900	9.6000e-004	2.1909	0.2289	9.0000e-004	0.2298		146.8279	146.8279	8.9200e-003		147.0510

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.5 Slope Landscaping - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	0.9723	9.6000e-004	0.9732	0.1073	9.0000e-004	0.1082		146.8279	146.8279	8.9200e-003		147.0510

3.6 P1 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.6 P1 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0543	0.9787	0.4431	3.3100e-003	4.8230	2.2800e-003	4.8253	0.5046	2.1700e-003	0.5068		351.3786	351.3786	0.0219		351.9257

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.6 P1 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	0.9876	1.8400e-003	0.9894	0.1110	1.7600e-003	0.1128		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0543	0.9787	0.4431	3.3100e-003	2.1421	2.2800e-003	2.1443	0.2368	2.1700e-003	0.2390		351.3786	351.3786	0.0219		351.9257

3.7 P1 Site Preparation (mo. 1) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	1.2591	12.9029	9.7482	0.0194	0.0000	0.6112	0.6112	0.0000	0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.7 P1 Site Preparation (mo. 1) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	1.3292	1.1000e-003	1.3303	0.1402	1.0600e-003	0.1413		173.1683	173.1683	0.0121		173.4710
Worker	0.0589	0.0369	0.4440	1.4200e-003	5.8672	1.0000e-003	5.8682	0.6096	9.2000e-004	0.6105		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0757	0.6143	0.5914	3.0300e-003	7.1964	2.1000e-003	7.1985	0.7498	1.9800e-003	0.7517		314.3890	314.3890	0.0160		314.7876

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.7 P1 Site Preparation (mo. 1) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	0.5926	1.1000e-003	0.5937	0.0666	1.0600e-003	0.0677		173.1683	173.1683	0.0121		173.4710
Worker	0.0589	0.0369	0.4440	1.4200e-003	2.5976	1.0000e-003	2.5986	0.2830	9.2000e-004	0.2839		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0757	0.6143	0.5914	3.0300e-003	3.1901	2.1000e-003	3.1922	0.3496	1.9800e-003	0.3516		314.3890	314.3890	0.0160		314.7876

3.8 P1 Building Construction 1 (mo. 2-4) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2560	2.9465	4.2466	6.1700e-003		0.1305	0.1305		0.1200	0.1200		597.3386	597.3386	0.1932		602.1683
Total	0.2560	2.9465	4.2466	6.1700e-003		0.1305	0.1305		0.1200	0.1200		597.3386	597.3386	0.1932		602.1683

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.8 P1 Building Construction 1 (mo. 2-4) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	1.3292	1.1000e-003	1.3303	0.1402	1.0600e-003	0.1413		173.1683	173.1683	0.0121		173.4710
Worker	0.0589	0.0369	0.4440	1.4200e-003	5.8672	1.0000e-003	5.8682	0.6096	9.2000e-004	0.6105		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0757	0.6143	0.5914	3.0300e-003	7.1964	2.1000e-003	7.1985	0.7498	1.9800e-003	0.7517		314.3890	314.3890	0.0160		314.7876

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.3386	597.3386	0.1932		602.1683
Total	0.1385	2.6950	4.6596	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.3386	597.3386	0.1932		602.1683

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.8 P1 Building Construction 1 (mo. 2-4) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	0.5926	1.1000e-003	0.5937	0.0666	1.0600e-003	0.0677		173.1683	173.1683	0.0121		173.4710
Worker	0.0589	0.0369	0.4440	1.4200e-003	2.5976	1.0000e-003	2.5986	0.2830	9.2000e-004	0.2839		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0757	0.6143	0.5914	3.0300e-003	3.1901	2.1000e-003	3.1922	0.3496	1.9800e-003	0.3516		314.3890	314.3890	0.0160		314.7876

3.9 P1 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.5522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	27.9612	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.9 P1 Architectural Coating - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		47.0736	47.0736	1.2800e-003		47.1056
Total	0.0309	0.3972	0.2463	1.5400e-003	2.8419	1.0700e-003	2.8430	0.2967	1.0100e-003	0.2977		162.5191	162.5191	9.3500e-003		162.7529

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.5522					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0367		563.8123
Total	27.6611	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0367		563.8123

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.9 P1 Architectural Coating - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		47.0736	47.0736	1.2800e-003		47.1056
Total	0.0309	0.3972	0.2463	1.5400e-003	1.2609	1.0700e-003	1.2620	0.1387	1.0100e-003	0.1397		162.5191	162.5191	9.3500e-003		162.7529

3.10 P1 Building Construction 2 (mo. 5) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3099	3.7057	5.3712	8.3000e-003		0.1350	0.1350		0.1253	0.1253		785.0533	785.0533	0.2428		791.1235
Total	0.3099	3.7057	5.3712	8.3000e-003		0.1350	0.1350		0.1253	0.1253		785.0533	785.0533	0.2428		791.1235

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.10 P1 Building Construction 2 (mo. 5) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	1.3292	1.1000e-003	1.3303	0.1402	1.0600e-003	0.1413		173.1683	173.1683	0.0121		173.4710
Worker	0.0589	0.0369	0.4440	1.4200e-003	5.8672	1.0000e-003	5.8682	0.6096	9.2000e-004	0.6105		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0757	0.6143	0.5914	3.0300e-003	7.1964	2.1000e-003	7.1985	0.7498	1.9800e-003	0.7517		314.3890	314.3890	0.0160		314.7876

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.0533	785.0533	0.2428		791.1235
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.0533	785.0533	0.2428		791.1235

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.10 P1 Building Construction 2 (mo. 5) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	0.5926	1.1000e-003	0.5937	0.0666	1.0600e-003	0.0677		173.1683	173.1683	0.0121		173.4710
Worker	0.0589	0.0369	0.4440	1.4200e-003	2.5976	1.0000e-003	2.5986	0.2830	9.2000e-004	0.2839		141.2208	141.2208	3.8400e-003		141.3166
Total	0.0757	0.6143	0.5914	3.0300e-003	3.1901	2.1000e-003	3.1922	0.3496	1.9800e-003	0.3516		314.3890	314.3890	0.0160		314.7876

3.11 P2 Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.11 P2 Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0543	0.9787	0.4431	3.3100e-003	4.8230	2.2800e-003	4.8253	0.5046	2.1700e-003	0.5068		351.3786	351.3786	0.0219		351.9257

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.11 P2 Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	0.9876	1.8400e-003	0.9894	0.1110	1.7600e-003	0.1128		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0543	0.9787	0.4431	3.3100e-003	2.1421	2.2800e-003	2.1443	0.2368	2.1700e-003	0.2390		351.3786	351.3786	0.0219		351.9257

3.12 P2 Site Preparation (mo. 1) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.2591	12.9029	9.7482	0.0194		0.6112	0.6112		0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453
Total	1.2591	12.9029	9.7482	0.0194	0.0000	0.6112	0.6112	0.0000	0.5759	0.5759		1,842.1705	1,842.1705	0.4150		1,852.5453

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.12 P2 Site Preparation (mo. 1) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	1.3292	1.1000e-003	1.3303	0.1402	1.0600e-003	0.1413		173.1683	173.1683	0.0121		173.4710
Worker	0.0523	0.0328	0.3946	1.2600e-003	5.2153	8.9000e-004	5.2162	0.5418	8.2000e-004	0.5427		125.5296	125.5296	3.4100e-003		125.6148
Total	0.0692	0.6102	0.5421	2.8700e-003	6.5445	1.9900e-003	6.5465	0.6820	1.8800e-003	0.6839		298.6978	298.6978	0.0155		299.0858

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.1705	1,842.1705	0.4150		1,852.5453

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.12 P2 Site Preparation (mo. 1) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	0.5926	1.1000e-003	0.5937	0.0666	1.0600e-003	0.0677		173.1683	173.1683	0.0121		173.4710
Worker	0.0523	0.0328	0.3946	1.2600e-003	2.3089	8.9000e-004	2.3098	0.2515	8.2000e-004	0.2523		125.5296	125.5296	3.4100e-003		125.6148
Total	0.0692	0.6102	0.5421	2.8700e-003	2.9015	1.9900e-003	2.9035	0.3181	1.8800e-003	0.3200		298.6978	298.6978	0.0155		299.0858

3.13 P2 Building Construction 1 (mo. 2-4) - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2560	2.9465	4.2466	6.1700e-003		0.1305	0.1305		0.1200	0.1200		597.3386	597.3386	0.1932		602.1683
Total	0.2560	2.9465	4.2466	6.1700e-003		0.1305	0.1305		0.1200	0.1200		597.3386	597.3386	0.1932		602.1683

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.13 P2 Building Construction 1 (mo. 2-4) - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	1.3292	1.1000e-003	1.3303	0.1402	1.0600e-003	0.1413		173.1683	173.1683	0.0121		173.4710
Worker	0.0523	0.0328	0.3946	1.2600e-003	5.2153	8.9000e-004	5.2162	0.5418	8.2000e-004	0.5427		125.5296	125.5296	3.4100e-003		125.6148
Total	0.0692	0.6102	0.5421	2.8700e-003	6.5445	1.9900e-003	6.5465	0.6820	1.8800e-003	0.6839		298.6978	298.6978	0.0155		299.0858

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.3386	597.3386	0.1932		602.1683
Total	0.1385	2.6950	4.6596	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.3386	597.3386	0.1932		602.1683

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.13 P2 Building Construction 1 (mo. 2-4) - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0169	0.5774	0.1475	1.6100e-003	0.5926	1.1000e-003	0.5937	0.0666	1.0600e-003	0.0677		173.1683	173.1683	0.0121		173.4710
Worker	0.0523	0.0328	0.3946	1.2600e-003	2.3089	8.9000e-004	2.3098	0.2515	8.2000e-004	0.2523		125.5296	125.5296	3.4100e-003		125.6148
Total	0.0692	0.6102	0.5421	2.8700e-003	2.9015	1.9900e-003	2.9035	0.3181	1.8800e-003	0.3200		298.6978	298.6978	0.0155		299.0858

3.14 P2 Architectural Coating - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.3407					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4091	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123
Total	26.7498	2.8170	3.6272	5.9400e-003		0.1634	0.1634		0.1634	0.1634		562.8961	562.8961	0.0367		563.8123

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.14 P2 Architectural Coating - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		47.0736	47.0736	1.2800e-003		47.1056
Total	0.0309	0.3972	0.2463	1.5400e-003	2.8419	1.0700e-003	2.8430	0.2967	1.0100e-003	0.2977		162.5191	162.5191	9.3500e-003		162.7529

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	26.3407					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0367		563.8123
Total	26.4497	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0367		563.8123

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.14 P2 Architectural Coating - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0196	0.0123	0.1480	4.7000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		47.0736	47.0736	1.2800e-003		47.1056
Total	0.0309	0.3972	0.2463	1.5400e-003	1.2609	1.0700e-003	1.2620	0.1387	1.0100e-003	0.1397		162.5191	162.5191	9.3500e-003		162.7529

3.15 P2 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

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3.15 P2 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0130	0.4546	0.1351	1.5600e-003	1.3292	5.4000e-004	1.3298	0.1402	5.1000e-004	0.1407		168.7902	168.7902	0.0111		169.0674
Worker	0.0495	0.0299	0.3666	1.2100e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		120.7307	120.7307	3.1200e-003		120.8088
Total	0.0626	0.4845	0.5017	2.7700e-003	6.5445	1.4100e-003	6.5459	0.6820	1.3100e-003	0.6833		289.5210	289.5210	0.0142		289.8761

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

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3.15 P2 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0130	0.4546	0.1351	1.5600e-003	0.5926	5.4000e-004	0.5931	0.0666	5.1000e-004	0.0671		168.7902	168.7902	0.0111		169.0674
Worker	0.0495	0.0299	0.3666	1.2100e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		120.7307	120.7307	3.1200e-003		120.8088
Total	0.0626	0.4845	0.5017	2.7700e-003	2.9015	1.4100e-003	2.9029	0.3181	1.3100e-003	0.3194		289.5210	289.5210	0.0142		289.8761

3.16 P3 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.16 P3 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	4.8230	1.3300e-003	4.8243	0.5046	1.2500e-003	0.5058		341.6824	341.6824	0.0200		342.1833

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

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3.16 P3 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	2.1421	1.3300e-003	2.1434	0.2368	1.2500e-003	0.2380		341.6824	341.6824	0.0200		342.1833

3.17 P3 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841

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3.17 P3 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0130	0.4546	0.1351	1.5600e-003	1.3292	5.4000e-004	1.3298	0.1402	5.1000e-004	0.1407		168.7902	168.7902	0.0111		169.0674
Worker	0.0619	0.0374	0.4582	1.5100e-003	6.5191	1.0900e-003	6.5202	0.6773	1.0000e-003	0.6783		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0749	0.4920	0.5933	3.0700e-003	7.8483	1.6300e-003	7.8499	0.8175	1.5100e-003	0.8190		319.7036	319.7036	0.0150		320.0783

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.17 P3 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0130	0.4546	0.1351	1.5600e-003	0.5926	5.4000e-004	0.5931	0.0666	5.1000e-004	0.0671		168.7902	168.7902	0.0111		169.0674
Worker	0.0619	0.0374	0.4582	1.5100e-003	2.8862	1.0900e-003	2.8873	0.3144	1.0000e-003	0.3154		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0749	0.4920	0.5933	3.0700e-003	3.4787	1.6300e-003	3.4803	0.3810	1.5100e-003	0.3825		319.7036	319.7036	0.0150		320.0783

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2382	2.7431	4.2397	6.1800e-003		0.1113	0.1113		0.1024	0.1024		597.6829	597.6829	0.1933		602.5155
Total	0.2382	2.7431	4.2397	6.1800e-003		0.1113	0.1113		0.1024	0.1024		597.6829	597.6829	0.1933		602.5155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0130	0.4546	0.1351	1.5600e-003	1.3292	5.4000e-004	1.3298	0.1402	5.1000e-004	0.1407		168.7902	168.7902	0.0111		169.0674
Worker	0.0619	0.0374	0.4582	1.5100e-003	6.5191	1.0900e-003	6.5202	0.6773	1.0000e-003	0.6783		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0749	0.4920	0.5933	3.0700e-003	7.8483	1.6300e-003	7.8499	0.8175	1.5100e-003	0.8190		319.7036	319.7036	0.0150		320.0783

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.6829	597.6829	0.1933		602.5155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.6829	597.6829	0.1933		602.5155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0130	0.4546	0.1351	1.5600e-003	0.5926	5.4000e-004	0.5931	0.0666	5.1000e-004	0.0671		168.7902	168.7902	0.0111		169.0674
Worker	0.0619	0.0374	0.4582	1.5100e-003	2.8862	1.0900e-003	2.8873	0.3144	1.0000e-003	0.3154		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0749	0.4920	0.5933	3.0700e-003	3.4787	1.6300e-003	3.4803	0.3810	1.5100e-003	0.3825		319.7036	319.7036	0.0150		320.0783

3.19 P3 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5418					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380
Total	33.9251	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.19 P3 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0273	0.3143	0.2275	1.4900e-003	2.8419	6.9000e-004	2.8426	0.2967	6.4000e-004	0.2973		157.8008	157.8008	8.5600e-003		158.0149

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	33.5418					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0337		563.7380
Total	33.6507	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0337		563.7380

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.19 P3 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0273	0.3143	0.2275	1.4900e-003	1.2609	6.9000e-004	1.2616	0.1387	6.4000e-004	0.1394		157.8008	157.8008	8.5600e-003		158.0149

3.20 P3 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.20 P3 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0130	0.4546	0.1351	1.5600e-003	1.3292	5.4000e-004	1.3298	0.1402	5.1000e-004	0.1407		168.7902	168.7902	0.0111		169.0674
Worker	0.0619	0.0374	0.4582	1.5100e-003	6.5191	1.0900e-003	6.5202	0.6773	1.0000e-003	0.6783		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0749	0.4920	0.5933	3.0700e-003	7.8483	1.6300e-003	7.8499	0.8175	1.5100e-003	0.8190		319.7036	319.7036	0.0150		320.0783

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.20 P3 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0130	0.4546	0.1351	1.5600e-003	0.5926	5.4000e-004	0.5931	0.0666	5.1000e-004	0.0671		168.7902	168.7902	0.0111		169.0674
Worker	0.0619	0.0374	0.4582	1.5100e-003	2.8862	1.0900e-003	2.8873	0.3144	1.0000e-003	0.3154		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0749	0.4920	0.5933	3.0700e-003	3.4787	1.6300e-003	3.4803	0.3810	1.5100e-003	0.3825		319.7036	319.7036	0.0150		320.0783

3.21 P4 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.21 P4 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		120.7307	120.7307	3.1200e-003		120.8088
Total	0.0582	0.3330	0.4566	2.2500e-003	6.1014	1.2300e-003	6.1027	0.6353	1.1400e-003	0.6364		233.2576	233.2576	0.0105		233.5203

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.21 P4 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		120.7307	120.7307	3.1200e-003		120.8088
Total	0.0582	0.3330	0.4566	2.2500e-003	2.7040	1.2300e-003	2.7052	0.2959	1.1400e-003	0.2971		233.2576	233.2576	0.0105		233.5203

3.22 P4 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.22 P4 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	4.8230	1.3300e-003	4.8243	0.5046	1.2500e-003	0.5058		341.6824	341.6824	0.0200		342.1833

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.22 P4 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	2.1421	1.3300e-003	2.1434	0.2368	1.2500e-003	0.2380		341.6824	341.6824	0.0200		342.1833

3.23 P4 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2382	2.7431	4.2397	6.1800e-003		0.1113	0.1113		0.1024	0.1024		597.6829	597.6829	0.1933		602.5155
Total	0.2382	2.7431	4.2397	6.1800e-003		0.1113	0.1113		0.1024	0.1024		597.6829	597.6829	0.1933		602.5155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.23 P4 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		120.7307	120.7307	3.1200e-003		120.8088
Total	0.0582	0.3330	0.4566	2.2500e-003	6.1014	1.2300e-003	6.1027	0.6353	1.1400e-003	0.6364		233.2576	233.2576	0.0105		233.5203

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.6829	597.6829	0.1933		602.5155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.6829	597.6829	0.1933		602.5155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.23 P4 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		120.7307	120.7307	3.1200e-003		120.8088
Total	0.0582	0.3330	0.4566	2.2500e-003	2.7040	1.2300e-003	2.7052	0.2959	1.1400e-003	0.2971		233.2576	233.2576	0.0105		233.5203

3.24 P4 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.5574					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3833	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380
Total	24.9407	2.6060	3.6222	5.9400e-003		0.1416	0.1416		0.1416	0.1416		562.8961	562.8961	0.0337		563.7380

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.24 P4 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	2.1900	5.8000e-004	2.1906	0.2289	5.4000e-004	0.2295		142.7095	142.7095	8.1700e-003		142.9138

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	24.5574					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0337		563.7380
Total	24.6663	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0337		563.7380

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.24 P4 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	0.9723	5.8000e-004	0.9728	0.1073	5.4000e-004	0.1078		142.7095	142.7095	8.1700e-003		142.9138

3.25 P4 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.25 P4 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	5.2153	8.7000e-004	5.2161	0.5418	8.0000e-004	0.5426		120.7307	120.7307	3.1200e-003		120.8088
Total	0.0582	0.3330	0.4566	2.2500e-003	6.1014	1.2300e-003	6.1027	0.6353	1.1400e-003	0.6364		233.2576	233.2576	0.0105		233.5203

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.25 P4 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0495	0.0299	0.3666	1.2100e-003	2.3089	8.7000e-004	2.3098	0.2515	8.0000e-004	0.2523		120.7307	120.7307	3.1200e-003		120.8088
Total	0.0582	0.3330	0.4566	2.2500e-003	2.7040	1.2300e-003	2.7052	0.2959	1.1400e-003	0.2971		233.2576	233.2576	0.0105		233.5203

3.26 P5 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.26 P5 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	4.8230	1.3300e-003	4.8243	0.5046	1.2500e-003	0.5058		341.6824	341.6824	0.0200		342.1833

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.26 P5 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	2.1421	1.3300e-003	2.1434	0.2368	1.2500e-003	0.2380		341.6824	341.6824	0.0200		342.1833

3.27 P5 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.27 P5 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0929	0.0561	0.6873	2.2700e-003	9.7786	1.6300e-003	9.7803	1.0159	1.5000e-003	1.0174		226.3701	226.3701	5.8500e-003		226.5164
Total	0.1146	0.8137	0.9125	4.8700e-003	11.9940	2.5200e-003	11.9965	1.2496	2.3500e-003	1.2520		507.6872	507.6872	0.0243		508.2953

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.27 P5 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0929	0.0561	0.6873	2.2700e-003	4.3293	1.6300e-003	4.3309	0.4716	1.5000e-003	0.4731		226.3701	226.3701	5.8500e-003		226.5164
Total	0.1146	0.8137	0.9125	4.8700e-003	5.3168	2.5200e-003	5.3194	0.5826	2.3500e-003	0.5850		507.6872	507.6872	0.0243		508.2953

3.28 P5 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155
Total	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.28 P5 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0882	0.0515	0.6426	2.1800e-003	9.7786	1.6000e-003	9.7802	1.0159	1.4800e-003	1.0174		217.4511	217.4511	5.3800e-003		217.5856
Total	0.1091	0.7985	0.8607	4.7600e-003	11.9940	2.4700e-003	11.9965	1.2496	2.3100e-003	1.2519		496.9588	496.9588	0.0236		497.5498

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.28 P5 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	0.9876	8.7000e-004	0.9885	0.1110	8.3000e-004	0.1119		279.5076	279.5076	0.0183		279.9642
Worker	0.0882	0.0515	0.6426	2.1800e-003	4.3293	1.6000e-003	4.3309	0.4716	1.4800e-003	0.4731		217.4511	217.4511	5.3800e-003		217.5856
Total	0.1091	0.7985	0.8607	4.7600e-003	5.3168	2.4700e-003	5.3193	0.5826	2.3100e-003	0.5849		496.9588	496.9588	0.0236		497.5498

3.29 P5 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	49.0577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	49.4192	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.29 P5 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0378	0.3160	0.3015	1.7600e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		184.2868	184.2868	9.1000e-003		184.5142

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	49.0577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885
Total	49.1666	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.29 P5 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0378	0.3160	0.3015	1.7600e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		184.2868	184.2868	9.1000e-003		184.5142

3.30 P5 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.30 P5 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0882	0.0515	0.6426	2.1800e-003	9.7786	1.6000e-003	9.7802	1.0159	1.4800e-003	1.0174		217.4511	217.4511	5.3800e-003		217.5856
Total	0.1091	0.7985	0.8607	4.7600e-003	11.9940	2.4700e-003	11.9965	1.2496	2.3100e-003	1.2519		496.9588	496.9588	0.0236		497.5498

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

3.30 P5 Building Construction 2 (mo. 5) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	0.9876	8.7000e-004	0.9885	0.1110	8.3000e-004	0.1119		279.5076	279.5076	0.0183		279.9642
Worker	0.0882	0.0515	0.6426	2.1800e-003	4.3293	1.6000e-003	4.3309	0.4716	1.4800e-003	0.4731		217.4511	217.4511	5.3800e-003		217.5856
Total	0.1091	0.7985	0.8607	4.7600e-003	5.3168	2.4700e-003	5.3193	0.5826	2.3100e-003	0.5849		496.9588	496.9588	0.0236		497.5498

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.7405	25.9959	79.1209	0.3140	32.1964	0.2270	32.4233	8.6023	0.2109	8.8132		32,078.55 47	32,078.55 47	1.5043		32,116.163 1
Unmitigated	6.7405	25.9959	79.1209	0.3140	32.1964	0.2270	32.4233	8.6023	0.2109	8.8132		32,078.55 47	32,078.55 47	1.5043		32,116.163 1

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	5,320.00	5,320.00	5,320.00	15,190,214	15,190,214
Total	5,320.00	5,320.00	5,320.00	15,190,214	15,190,214

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
NaturalGas Unmitigated	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	38624.7	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
Total		0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	38.6247	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
Total		0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.75 17
Unmitigated	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.0098					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	37.4902					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.0327	8.8249	3.7553	0.0563		0.7135	0.7135		0.7135	0.7135	0.0000	11,265.882 4	11,265.882 4	0.2159	0.2065	11,332.829 9
Landscaping	1.3166	0.5051	43.8491	2.3200e-003		0.2433	0.2433		0.2433	0.2433		79.0298	79.0298	0.0757		80.9218
Total	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.91 22	11,344.91 22	0.2916	0.2065	11,413.75 17

Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.0098					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	37.4902					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.0327	8.8249	3.7553	0.0563		0.7135	0.7135		0.7135	0.7135	0.0000	11,265.88 24	11,265.88 24	0.2159	0.2065	11,332.82 99
Landscaping	1.3166	0.5051	43.8491	2.3200e-003		0.2433	0.2433		0.2433	0.2433		79.0298	79.0298	0.0757		80.9218
Total	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.91 22	11,344.91 22	0.2916	0.2065	11,413.75 17

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR - Central Village Residential (P 1-5) - San Diego County, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - Central Village Residential (P 1-5)**San Diego County, Mitigation Report****Construction Mitigation Summary**

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Grading	0.75	0.57	-0.18	0.00	0.95	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	0.01	0.22	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.35	0.07	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.34	-0.03	-0.06	0.00	0.25	0.19	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	0.66	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.68	0.46	-0.19	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.01	0.22	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.36	0.07	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.32	-0.08	-0.07	0.00	0.14	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	0.66	0.09	-0.18	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.68	0.46	-0.19	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.01	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.32	0.01	-0.09	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.31	-0.08	-0.06	0.00	0.14	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.66	0.42	-0.19	0.00	0.86	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	0.01	0.17	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00

P4 Building Construction 1 (mo. 2-4)	0.34	0.02	-0.09	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	0.33	-0.09	-0.07	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.67	0.42	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	0.01	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.27	-0.02	-0.08	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.27	-0.11	-0.06	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	0.64	0.41	-0.19	0.00	0.86	0.86	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.82	0.68	-0.08	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
Slope Landscaping	0.63	0.17	-0.50	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
Utilities	0.65	0.23	-0.49	0.00	0.90	0.90	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	10	10	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Excavators	Diesel	Tier 4 Interim	4	4	No Change	0.00
Graders	Diesel	Tier 4 Interim	6	6	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	10	10	No Change	0.00
Pumps	Diesel	Tier 4 Interim	5	5	No Change	0.00
Rollers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	10	10	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	15	15	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	11	11	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	5	5	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	4.18700E-002	2.85780E-001	3.89560E-001	6.40000E-004	1.57600E-002	1.57600E-002	0.00000E+000	5.48950E+001	5.48950E+001	3.36000E-003	0.00000E+000	5.49791E+001
Cement and Mortar Mixers	6.35000E-003	3.97600E-002	3.33100E-002	8.00000E-005	1.55000E-003	1.55000E-003	0.00000E+000	4.94938E+000	4.94938E+000	5.10000E-004	0.00000E+000	4.96223E+000
Excavators	9.10400E-002	8.40460E-001	1.34556E+000	2.13000E-003	4.07200E-002	3.74600E-002	0.00000E+000	1.86928E+002	1.86928E+002	6.04600E-002	0.00000E+000	1.88439E+002
Graders	7.52000E-002	9.69880E-001	3.01210E-001	1.14000E-003	3.08600E-002	2.84000E-002	0.00000E+000	1.00105E+002	1.00105E+002	3.23800E-002	0.00000E+000	1.00915E+002
Other Construction Equipment	5.19000E-003	5.50100E-002	4.32800E-002	6.00000E-005	2.90000E-003	2.67000E-003	0.00000E+000	5.70387E+000	5.70387E+000	1.84000E-003	0.00000E+000	5.74999E+000
Pavers	2.19900E-002	2.18930E-001	3.20060E-001	5.20000E-004	1.03400E-002	9.52000E-003	0.00000E+000	4.58410E+001	4.58410E+001	1.48300E-002	0.00000E+000	4.62116E+001
Paving Equipment	1.93000E-002	1.84120E-001	2.83300E-001	4.50000E-004	8.97000E-003	8.25000E-003	0.00000E+000	3.97219E+001	3.97219E+001	1.28500E-002	0.00000E+000	4.00431E+001
Pumps	1.77300E-002	1.49170E-001	1.95720E-001	3.50000E-004	7.53000E-003	7.53000E-003	0.00000E+000	2.96734E+001	2.96734E+001	1.42000E-003	0.00000E+000	2.97089E+001
Rollers	1.76400E-002	1.84050E-001	2.05970E-001	2.90000E-004	1.03300E-002	9.51000E-003	0.00000E+000	2.55879E+001	2.55879E+001	8.28000E-003	0.00000E+000	2.57947E+001
Rough Terrain Forklifts	2.34800E-002	3.10520E-001	5.01080E-001	7.60000E-004	1.01900E-002	9.37000E-003	0.00000E+000	6.63118E+001	6.63118E+001	2.14500E-002	0.00000E+000	6.68480E+001
Rubber Tired Dozers	1.59430E-001	1.67219E+000	6.13740E-001	1.29000E-003	8.13700E-002	7.48600E-002	0.00000E+000	1.13334E+002	1.13334E+002	3.66500E-002	0.00000E+000	1.14251E+002
Rubber Tired Loaders	5.21100E-002	5.51000E-001	2.67130E-001	1.08000E-003	1.84600E-002	1.69800E-002	0.00000E+000	9.50416E+001	9.50416E+001	3.07400E-002	0.00000E+000	9.58101E+001
Scrapers	2.23600E-001	2.58210E+000	1.68456E+000	3.62000E-003	1.00480E-001	9.24400E-002	0.00000E+000	3.18250E+002	3.18250E+002	1.02930E-001	0.00000E+000	3.20823E+002
Skid Steer Loaders	1.07800E-002	1.43380E-001	2.26570E-001	3.40000E-004	4.96000E-003	4.56000E-003	0.00000E+000	2.97348E+001	2.97348E+001	9.62000E-003	0.00000E+000	2.99753E+001
Tractors/Loaders/Backhoes	7.62700E-002	7.71500E-001	9.56110E-001	1.32000E-003	4.41900E-002	4.06500E-002	0.00000E+000	1.15825E+002	1.15825E+002	3.74600E-002	0.00000E+000	1.16761E+002
Trenchers	1.85700E-002	1.72890E-001	1.36230E-001	1.80000E-004	1.21000E-002	1.11300E-002	0.00000E+000	1.55787E+001	1.55787E+001	5.04000E-003	0.00000E+000	1.57047E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	1.17100E-002	2.27860E-001	3.93970E-001	6.40000E-004	8.50000E-004	8.50000E-004	0.00000E+000	5.48949E+001	5.48949E+001	3.36000E-003	0.00000E+000	5.49790E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	8.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	4.94938E+000	4.94938E+000	5.10000E-004	0.00000E+000	4.96222E+000
Excavators	2.61800E-002	9.37990E-001	1.61422E+000	2.13000E-003	3.49000E-003	3.49000E-003	0.00000E+000	1.86928E+002	1.86928E+002	6.04600E-002	0.00000E+000	1.88439E+002
Graders	1.86100E-002	3.00030E-001	6.04720E-001	1.14000E-003	1.86000E-003	1.86000E-003	0.00000E+000	1.00105E+002	1.00105E+002	3.23800E-002	0.00000E+000	1.00915E+002
Other Construction Equipment	8.00000E-004	2.87600E-002	4.95000E-002	6.00000E-005	1.10000E-004	1.10000E-004	0.00000E+000	5.70387E+000	5.70387E+000	1.84000E-003	0.00000E+000	5.74998E+000
Pavers	6.41000E-003	2.29810E-001	3.95500E-001	5.20000E-004	8.60000E-004	8.60000E-004	0.00000E+000	4.58409E+001	4.58409E+001	1.48300E-002	0.00000E+000	4.62115E+001
Paving Equipment	5.58000E-003	2.00010E-001	3.44210E-001	4.50000E-004	7.40000E-004	7.40000E-004	0.00000E+000	3.97219E+001	3.97219E+001	1.28500E-002	0.00000E+000	4.00430E+001
Pumps	6.33000E-003	1.23170E-001	2.12960E-001	3.50000E-004	4.60000E-004	4.60000E-004	0.00000E+000	2.96734E+001	2.96734E+001	1.42000E-003	0.00000E+000	2.97089E+001
Rollers	6.55000E-003	1.27360E-001	2.20200E-001	2.90000E-004	4.80000E-004	4.80000E-004	0.00000E+000	2.55878E+001	2.55878E+001	8.28000E-003	0.00000E+000	2.57947E+001
Rough Terrain Forklifts	1.69900E-002	3.30630E-001	5.71650E-001	7.60000E-004	1.24000E-003	1.24000E-003	0.00000E+000	6.63118E+001	6.63118E+001	2.14500E-002	0.00000E+000	6.68479E+001
Rubber Tired Dozers	2.10500E-002	3.39430E-001	6.84120E-001	1.29000E-003	2.10000E-003	2.10000E-003	0.00000E+000	1.13334E+002	1.13334E+002	3.66500E-002	0.00000E+000	1.14251E+002
Rubber Tired Loaders	1.78400E-002	2.87650E-001	5.79750E-001	1.08000E-003	1.78000E-003	1.78000E-003	0.00000E+000	9.50415E+001	9.50415E+001	3.07400E-002	0.00000E+000	9.58100E+001
Scrapers	5.94000E-002	9.57900E-001	1.93064E+000	3.62000E-003	5.94000E-003	5.94000E-003	0.00000E+000	3.18249E+002	3.18249E+002	1.02930E-001	0.00000E+000	3.20823E+002
Skid Steer Loaders	8.32000E-003	1.90020E-001	2.56600E-001	3.40000E-004	7.77000E-003	7.77000E-003	0.00000E+000	2.97348E+001	2.97348E+001	9.62000E-003	0.00000E+000	2.99752E+001
Tractors/Loaders/Balkhoes	2.95300E-002	5.74430E-001	9.93180E-001	1.32000E-003	2.15000E-003	2.15000E-003	0.00000E+000	1.15825E+002	1.15825E+002	3.74600E-002	0.00000E+000	1.16761E+002
Trenchers	3.97000E-003	7.72800E-002	1.33610E-001	1.80000E-004	2.90000E-004	2.90000E-004	0.00000E+000	1.55787E+001	1.55787E+001	5.04000E-003	0.00000E+000	1.57047E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	7.20325E-001	2.02673E-001	-1.13205E-002	0.00000E+000	9.46066E-001	9.46066E-001	0.00000E+000	1.27516E-006	1.27516E-006	0.00000E+000	0.00000E+000	1.27321E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.01522E-006
Excavators	7.12434E-001	-1.16044E-001	-1.99664E-001	0.00000E+000	9.14293E-001	9.06834E-001	0.00000E+000	1.17692E-006	1.17692E-006	0.00000E+000	0.00000E+000	1.22055E-006
Graders	7.52527E-001	6.90652E-001	-1.00764E+000	0.00000E+000	9.39728E-001	9.34507E-001	0.00000E+000	1.19874E-006	1.19874E-006	0.00000E+000	0.00000E+000	1.18912E-006
Other Construction Equipment	8.45857E-001	4.77186E-001	-1.43715E-001	0.00000E+000	9.62069E-001	9.58801E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.73913E-006
Pavers	7.08504E-001	-4.96962E-002	-2.35706E-001	0.00000E+000	9.16828E-001	9.09664E-001	0.00000E+000	1.30887E-006	1.30887E-006	0.00000E+000	0.00000E+000	1.08198E-006
Paving Equipment	7.10881E-001	-8.63024E-002	-2.15002E-001	0.00000E+000	9.17503E-001	9.10303E-001	0.00000E+000	1.00700E-006	1.00700E-006	0.00000E+000	0.00000E+000	1.24866E-006
Pumps	6.42978E-001	1.74298E-001	-8.80850E-002	0.00000E+000	9.38911E-001	9.38911E-001	0.00000E+000	1.01101E-006	1.01101E-006	0.00000E+000	0.00000E+000	1.00980E-006
Rollers	6.28685E-001	3.08014E-001	-6.90877E-002	0.00000E+000	9.53533E-001	9.49527E-001	0.00000E+000	1.17243E-006	1.17243E-006	0.00000E+000	0.00000E+000	1.16303E-006
Rough Terrain Forklifts	2.76405E-001	-6.47623E-002	-1.40836E-001	0.00000E+000	8.78312E-001	8.67663E-001	0.00000E+000	1.05562E-006	1.05562E-006	0.00000E+000	0.00000E+000	1.19674E-006
Rubber Tired Dozers	8.67967E-001	7.97015E-001	-1.14674E-001	0.00000E+000	9.74192E-001	9.71948E-001	0.00000E+000	1.23528E-006	1.23528E-006	0.00000E+000	0.00000E+000	1.13785E-006
Rubber Tired Loaders	6.57647E-001	4.77949E-001	-1.17029E+000	0.00000E+000	9.03575E-001	8.95171E-001	0.00000E+000	1.15739E-006	1.15739E-006	0.00000E+000	0.00000E+000	1.14810E-006
Scrapers	7.34347E-001	6.29023E-001	-1.46080E-001	0.00000E+000	9.40884E-001	9.35742E-001	0.00000E+000	1.19403E-006	1.19403E-006	0.00000E+000	0.00000E+000	1.18445E-006
Skid Steer Loaders	2.28200E-001	-3.25289E-001	-1.32542E-001	0.00000E+000	-5.66532E-001	-7.03947E-001	0.00000E+000	1.00892E-006	1.00892E-006	0.00000E+000	0.00000E+000	1.00083E-006
Tractors/Loaders/Balkhoes	6.12823E-001	2.55437E-001	-3.87717E-002	0.00000E+000	9.51346E-001	9.47109E-001	0.00000E+000	1.20872E-006	1.20872E-006	0.00000E+000	0.00000E+000	1.19903E-006
Trenchers	7.86214E-001	5.53011E-001	1.92322E-002	0.00000E+000	9.76033E-001	9.73944E-001	0.00000E+000	1.28380E-006	1.28380E-006	0.00000E+000	0.00000E+000	1.27350E-006

Fugitive Dust Mitigation

Yes/No Mitigation Measure Mitigation Input Mitigation Input Mitigation Input

Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
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No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Grading	Fugitive Dust	2.26	0.88	0.88	0.34	0.61	0.61
Grading	Roads	5.22	0.52	2.24	0.23	0.57	0.57
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P1 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	Roads	0.21	0.02	0.09	0.01	0.56	0.53
P1 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P1 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P1 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.06	0.01	0.02	0.00	0.55	0.53
P2 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	Roads	0.19	0.02	0.08	0.01	0.56	0.53

P2 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P2 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P2 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P3 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	Roads	0.23	0.02	0.10	0.01	0.56	0.53
P3 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	Roads	0.08	0.01	0.03	0.00	0.56	0.53
P3 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
P3 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P4 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	Roads	0.18	0.02	0.08	0.01	0.56	0.53
P4 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P4 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53

P4 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	Roads	0.06	0.01	0.03	0.00	0.56	0.53
P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.08	0.01	0.03	0.00	0.56	0.53
P5 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	Roads	0.35	0.04	0.15	0.02	0.56	0.53
P5 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	Roads	0.12	0.01	0.05	0.01	0.56	0.53
P5 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
P5 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	Roads	0.11	0.01	0.05	0.01	0.56	0.53
Site Preparation	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
Site Preparation	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Slope Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Slope Landscaping	Roads	0.17	0.02	0.08	0.01	0.55	0.53
Utilities	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Utilities	Roads	0.17	0.02	0.08	0.01	0.55	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Low Density Suburban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"	3.00		
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program	5.00		
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
---------------------	-------------

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00
--	-------

CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - Central Village Residential (P 1-5)	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Nov-20	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2027	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	441.1	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction Phase

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
Site Preparation	Site Preparation	2020/11/01	2020/11/30	5 days/week	21
Grading	Grading	2020/12/01	2021/10/31	5 days/week	239
Utilities	Site Preparation	2021/10/01	2022/05/31	5 days/week	173
Slope Landscaping	Site Preparation	2022/01/01	2022/08/31	5 days/week	173
P1 Site Preparation (mo. 1)	Site Preparation	2022/04/01	2022/04/30	5 days/week	21
P1 Building Construction 1 (mo. 2-4)	Building Construction	2022/05/01	2022/07/31	5 days/week	65
P1 Building Construction 2 (mo. 5)	Building Construction	2022/08/01	2022/08/31	5 days/week	23
P1 Paving	Paving	2022/03/01	2022/03/31	5 days/week	23
P1 Architectural Coating	Architectural Coating	2022/06/01	2022/07/31	5 days/week	43
P2 Site Preparation (mo. 1)	Site Preparation	2022/09/01	2022/09/30	5 days/week	22
P2 Building Construction 1 (mo. 2-4)	Building Construction	2022/10/01	2022/12/31	5 days/week	65
P2 Building Construction 2 (mo. 5)	Building Construction	2023/01/01	2023/01/31	5 days/week	22
P2 Paving	Paving	2022/08/01	2022/08/31	5 days/week	23
P2 Architectural Coating	Architectural Coating	2022/11/01	2022/12/31	5 days/week	44
P3 Site Preparation (mo. 1)	Site Preparation	2023/02/01	2023/02/28	5 days/week	20
P3 Building Construction 1 (mo. 2-4)	Building Construction	2023/03/01	2023/05/31	5 days/week	66
P3 Building Construction 2 (mo. 5)	Building Construction	2023/06/01	2023/06/30	5 days/week	22
P3 Paving	Paving	2023/01/01	2023/01/31	5 days/week	22
P3 Architectural Coating	Architectural Coating	2023/04/01	2023/05/31	5 days/week	43
P4 Site Preparation (mo. 1)	Site Preparation	2023/07/01	2023/07/31	5 days/week	21
P4 Building Construction 1 (mo. 2-4)	Building Construction	2023/08/01	2023/10/31	5 days/week	66
P4 Building Construction 2 (mo. 5)	Building Construction	2023/11/01	2023/11/30	5 days/week	22
P4 Paving	Paving	2023/07/01	2023/07/31	5 days/week	21
P4 Architectural Coating	Architectural Coating	2023/09/01	2023/10/31	5 days/week	43
P5 Site Preparation (mo. 1)	Site Preparation	2023/12/01	2023/12/31	5 days/week	21
P5 Building Construction 1 (mo. 2-4)	Building Construction	2024/01/01	2024/03/31	5 days/week	65
P5 Building Construction 2 (mo. 5)	Building Construction	2024/04/01	2024/04/30	5 days/week	22
P5 Paving	Paving	2023/11/01	2023/11/30	5 days/week	22
P5 Architectural Coating	Architectural Coating	2024/02/01	2024/03/31	5 days/week	42

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment

Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor
Site Preparation	Rubber Tired Dozer	default			
	Tractor/Loader/Backhoe				
	Other Construction Equipment (brush grinder)	1			
Grading	default				
Slope Landscaping	Excavator	1			
	Rubber Tired Loader	1			
Utilities	Excavator	1			
	Rubber Tired Loader	1			
All Phases Site Preparation (mo. 1)	Grader	1			
	Skid Steer	1			
	Trencher	1			
	Pump	1			
	Cement Mixer	1			
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1			
	Backhoe	1			
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1			
	Skid Steer	2			
	Cement Mixer	1			
All Phases Paving	default				
All Phases Architectural Coating	Air Compressor	2			

CalEEMod Input Sheet

Construction Phase

Table 7: Dust from Material Movement

Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	default				--	default	
Grading	default		yes	default		default	

Table 8: Demolition

Phase Name	Size Metric	Unit Amount
default		

Table 9: Construction Trips and VMT

Phase Name	# Trips Worker (/day)	# Trips Vendor (/day)	Total # Trips Hauling	Trip Length Worker (miles)	Trip Length Worker (miles)	Trip Length Hauling (miles)	Vehicle Class Worker	Vehicle Class Vendor	Vehicle Class Hauling
Site Preparation									
Grading			7,285			0.5			MHDT
Slope Landscaping	Refer to Construction VMT worksheet								
Utilities									
All Phases Site Preparation (mo. 1)									
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Paving									
All Phases Architectural Coating									
Note: Internal hauling distance two miles to reflect onsite cut and fill									

CalEEMod Input Sheet
Construction Phase

Table 10: On-Road Fugitive Dust

Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
Site Preparation				default				
Grading			0					
Slope Landscaping	98							
Utilities								
All Phases Site Preparation (mo. 1)								
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

Table 11: Architectural Coating

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
P1 Architectural Coating	50	306,730	100	102,243	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	300,062	100	100,021	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	373,410	100	124,470	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	273,389	100	91,130	N/A	0	N/A	0	N/A	
P5 Architectural Coating	50	533,443	100	177,814	N/A	0	N/A	0	N/A	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

Proctor Valley EIR - Central Village Residential (P 6-11)

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	532.00	Dwelling Unit	194.60	1,751,876.00	1463

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	441.1	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

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Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Emission Factors -

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

Vehicle Emission Factors -
Vehicle Emission Factors -

Woodstoves - No wood fireplaces or stoves.

Area Coating - Refer to CalEEMod Input Matrix Table 11

Energy Use - Based on Console Energy Study.

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

Water Mitigation - Refer to CalEEMod Input Matrix Table 36.

Waste Mitigation - In accordance with AB 341.

Vehicle Trips - Refer to CalEEMod Input Matrix

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	106,689.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	166,701.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	50,010.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	50,010.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	106,689.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	106,689.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	320,066.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	500,103.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	150,030.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	150,030.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	320,066.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	320,066.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00

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tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
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tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	292.60	532.00
tblFireplaces	NumberWood	186.20	0.00
tblLandUse	BuildingSpaceSquareFeet	957,600.00	1,751,876.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

[illegible]

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

[illegible]

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P8 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P9 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P9 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P10 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P11 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P10 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P11 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

tbloffRoadEquipment	PhaseName	P6 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P10 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P11 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P6 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P10 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P11 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P9 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P9 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P6 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P10 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P11 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P10 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P11 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P6 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P7 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P7 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P6 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

[illegible]

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

[illegible]

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	441.1
tblProjectCharacteristics	OperationalYear	2018	2027
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	57.00	2.00
tblTripsAndVMT	VendorTripNumber	57.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	10.00
tblTripsAndVMT	VendorTripNumber	57.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
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tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	28.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00
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tblTripsAndVMT	WorkerTripNumber	192.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00
tblTripsAndVMT	WorkerTripNumber	38.00	2.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00
tblTripsAndVMT	WorkerTripNumber	192.00	28.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	36.00
tblTripsAndVMT	WorkerTripNumber	192.00	8.00
tblTripsAndVMT	WorkerTripNumber	192.00	36.00
tblTripsAndVMT	WorkerTripNumber	38.00	2.00
tblTripsAndVMT	WorkerTripNumber	38.00	8.00
tblTripsAndVMT	WorkerTripNumber	192.00	8.00
tblTripsAndVMT	WorkerTripNumber	38.00	6.00
tblTripsAndVMT	WorkerTripNumber	192.00	36.00
tblTripsAndVMT	WorkerTripNumber	192.00	28.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

tblTripsAndVMT	WorkerTripNumber	38.00	2.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	26.60	0.00
tblWoodstoves	NumberNoncatalytic	26.60	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	43.6562	14.3039	21.1435	0.0381	15.7221	0.5807	16.3027	1.6397	0.5354	2.1751	0.0000	3,728.160 9	3,728.160 9	0.9976	0.0000	3,753.100 1
2025	29.3602	31.5339	50.5182	0.0874	18.6148	1.3588	19.9736	1.9459	1.2514	3.1972	0.0000	8,547.9118	8,547.9118	2.4539	0.0000	8,609.258 8
2026	27.6576	20.9124	20.1807	0.0445	22.0323	0.8962	22.4096	2.2960	0.8430	2.7279	0.0000	4,283.065 7	4,283.065 7	0.8454	0.0000	4,304.200 6
Maximum	43.6562	31.5339	50.5182	0.0874	22.0323	1.3588	22.4096	2.2960	1.2514	3.1972	0.0000	8,547.911 8	8,547.911 8	2.4539	0.0000	8,609.258 8

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	43.3138	15.2816	24.1961	0.0381	6.9728	0.1416	7.1144	0.7658	0.1414	0.9072	0.0000	3,728.160 9	3,728.160 9	0.9976	0.0000	3,753.100 1
2025	29.0534	36.5049	59.0681	0.0874	8.2643	0.2176	8.4819	0.9120	0.2174	1.1293	0.0000	8,547.9118	8,547.9118	2.4539	0.0000	8,609.258 8
2026	27.0440	14.3890	24.4224	0.0445	9.7678	0.2046	9.8083	1.0709	0.2044	1.1111	0.0000	4,283.065 7	4,283.065 7	0.8454	0.0000	4,304.200 6
Maximum	43.3138	36.5049	59.0681	0.0874	9.7678	0.2176	9.8083	1.0709	0.2174	1.1293	0.0000	8,547.911 8	8,547.911 8	2.4539	0.0000	8,609.258 8

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	1.25	0.86	-17.25	0.00	55.64	80.12	56.71	53.27	78.59	61.14	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7
Energy	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5
Mobile	6.5100	26.6251	77.2700	0.2982	32.1964	0.2278	32.4241	8.6023	0.2116	8.8140		30,476.77 95	30,476.77 95	1.5099		30,514.52 60
Total	55.7758	39.5147	126.3890	0.3795	32.1964	1.4724	33.6687	8.6023	1.4562	10.0586	0.0000	46,365.76 90	46,365.76 90	1.8886	0.2899	46,499.35 82

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7
Energy	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5
Mobile	6.5100	26.6251	77.2700	0.2982	32.1964	0.2278	32.4241	8.6023	0.2116	8.8140		30,476.77 95	30,476.77 95	1.5099		30,514.52 60
Total	55.7758	39.5147	126.3890	0.3795	32.1964	1.4724	33.6687	8.6023	1.4562	10.0586	0.0000	46,365.76 90	46,365.76 90	1.8886	0.2899	46,499.35 82

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P6 Site Preparation (mo. 1)	Site Preparation	5/1/2024	5/31/2024	5	23	
2	P6 Building Construction 1 (mo. 2 -4)	Building Construction	6/1/2024	8/31/2024	5	65	
3	P6 Architectural Coating	Architectural Coating	7/1/2024	8/31/2024	5	45	
4	P6 Building Construction 2 (mo. 5)	Building Construction	9/1/2024	9/30/2024	5	21	
5	P6 Paving	Paving	9/1/2024	9/30/2024	5	22	
6	P7 Site Preparation (mo. 1)	Site Preparation	10/1/2024	10/31/2024	5	23	
7	P7 Building Construction 1 (mo. 2 -4)	Building Construction	11/1/2024	1/31/2025	5	66	
8	P7 Architectural Coating	Architectural Coating	12/1/2024	1/31/2025	5	45	
9	P7 Building Construction 2 (mo. 5)	Building Construction	2/1/2025	2/28/2025	5	20	
10	P7 Paving	Paving	2/1/2025	2/28/2025	5	21	
11	P8 Site Preparation (mo. 1)	Site Preparation	3/1/2025	3/31/2025	5	21	
12	P8 Building Construction 1 (mo. 2 -4)	Building Construction	4/1/2025	6/30/2025	5	65	
13	P8 Architectural Coating	Architectural Coating	5/1/2025	6/30/2025	5	43	
14	P8 Building Construction 2 (mo. 5)	Building Construction	7/1/2025	7/31/2025	5	23	
15	P8 Paving	Paving	7/1/2025	7/31/2025	5	20	
16	P9 Site Preparation (mo. 1)	Site Preparation	8/1/2025	8/31/2025	5	21	
17	P9 Building Construction 1 (mo. 2 -4)	Building Construction	9/1/2025	11/30/2025	5	65	
18	P9 Architectural Coating	Architectural Coating	10/1/2025	11/30/2025	5	43	

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

19	P9 Building Construction 2 (mo. 5)	Building Construction	12/1/2025	12/31/2025	5	23
20	P9 Paving	Paving	12/1/2025	12/31/2025	5	23
21	P10 Paving	Paving	12/1/2025	12/31/2025	5	23
22	P11 Paving	Paving	12/1/2025	12/31/2025	5	23
23	P10 Site Preparation (mo. 1)	Site Preparation	1/1/2026	1/31/2026	5	22
24	P11 Site Preparation (mo. 1)	Site Preparation	1/1/2026	1/31/2026	5	22
25	P10 Building Construction 1 (mo. 2-4)	Building Construction	2/1/2026	4/30/2026	5	64
26	P11 Building Construction 1 (mo. 2-4)	Building Construction	2/1/2026	4/30/2026	5	64
27	P10 Architectural Coating	Architectural Coating	3/1/2026	4/30/2026	5	44
28	P11 Architectural Coating	Architectural Coating	3/1/2026	4/30/2026	5	44
29	P10 Building Construction 2 (mo. 5)	Building Construction	5/1/2026	5/31/2026	5	21
30	P11 Building Construction 2 (mo. 5)	Building Construction	5/1/2026	5/31/2026	5	21

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 500,103; Residential Outdoor: 166,701; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0
(Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P6 Architectural Coating	Air Compressors	2	6.00	78	0.48
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P7 Architectural Coating	Air Compressors	2	6.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P8 Architectural Coating	Air Compressors	2	6.00	78	0.48
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P8 Paving	Pavers	2	8.00	130	0.42
P8 Paving	Paving Equipment	2	8.00	132	0.36
P8 Paving	Rollers	2	8.00	80	0.38
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P9 Architectural Coating	Air Compressors	2	6.00	78	0.48
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P9 Paving	Pavers	2	8.00	130	0.42
P9 Paving	Paving Equipment	2	8.00	132	0.36
P9 Paving	Rollers	2	8.00	80	0.38
P10 Paving	Pavers	2	8.00	130	0.42
P10 Paving	Paving Equipment	2	8.00	132	0.36
P10 Paving	Rollers	2	8.00	80	0.38

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

P11 Paving	Pavers	2	8.00	130	0.42
P11 Paving	Paving Equipment	2	8.00	132	0.36
P11 Paving	Rollers	2	8.00	80	0.38
P10 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P10 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P10 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P11 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P11 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P11 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P10 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P11 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P10 Architectural Coating	Air Compressors	2	6.00	78	0.48
P11 Architectural Coating	Air Compressors	2	6.00	78	0.48
P10 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P11 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P6 Site Preparation (mo. 1)	5	28.00	8.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-3)	2	28.00	8.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	4	28.00	8.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-3)	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	4	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-3)	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	4	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2-3)	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	4	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Site Preparation (mo. 1)	5	36.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 1 (mo. 2-3)	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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P11 Building Construction 1 (mo. 2-3)	2	36.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Architectural Coatings	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Architectural Coatings	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 2 (mo. 5)	4	36.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P6 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	1.1216	11.0883	9.6613	0.0194	0.5303	0.5115	1.0418	0.0573	0.4811	0.5384		1,841.7857	1,841.7857	0.4105		1,852.0477

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3.2 P6 Site Preparation (mo. 1) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0177	0.5950	0.1914	2.0200e-003	1.7723	7.3000e-004	1.7730	0.1869	7.0000e-004	0.1876		217.8855	217.8855	0.0154		218.2701
Worker	0.0942	0.0539	0.5605	1.9100e-003	9.1267	1.5000e-003	9.1282	0.9482	1.3800e-003	0.9496		190.5433	190.5433	4.7300e-003		190.6615
Total	0.1118	0.6489	0.7519	3.9300e-003	10.8990	2.2300e-003	10.9013	1.1351	2.0800e-003	1.1372		408.4288	408.4288	0.0201		408.9316

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.2 P6 Site Preparation (mo. 1) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0177	0.5950	0.1914	2.0200e-003	0.7901	7.3000e-004	0.7908	0.0888	7.0000e-004	0.0895		217.8855	217.8855	0.0154		218.2701
Worker	0.0942	0.0539	0.5605	1.9100e-003	4.0406	1.5000e-003	4.0421	0.4402	1.3800e-003	0.4415		190.5433	190.5433	4.7300e-003		190.6615
Total	0.1118	0.6489	0.7519	3.9300e-003	4.8307	2.2300e-003	4.8329	0.5290	2.0800e-003	0.5311		408.4288	408.4288	0.0201		408.9316

3.3 P6 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155
Total	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155

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3.3 P6 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0177	0.5950	0.1914	2.0200e-003	1.7723	7.3000e-004	1.7730	0.1869	7.0000e-004	0.1876		217.8855	217.8855	0.0154		218.2701
Worker	0.0942	0.0539	0.5605	1.9100e-003	9.1267	1.5000e-003	9.1282	0.9482	1.3800e-003	0.9496		190.5433	190.5433	4.7300e-003		190.6615
Total	0.1118	0.6489	0.7519	3.9300e-003	10.8990	2.2300e-003	10.9013	1.1351	2.0800e-003	1.1372		408.4288	408.4288	0.0201		408.9316

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155

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3.3 P6 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0177	0.5950	0.1914	2.0200e-003	0.7901	7.3000e-004	0.7908	0.0888	7.0000e-004	0.0895		217.8855	217.8855	0.0154		218.2701
Worker	0.0942	0.0539	0.5605	1.9100e-003	4.0406	1.5000e-003	4.0421	0.4402	1.3800e-003	0.4415		190.5433	190.5433	4.7300e-003		190.6615
Total	0.1118	0.6489	0.7519	3.9300e-003	4.8307	2.2300e-003	4.8329	0.5290	2.0800e-003	0.5311		408.4288	408.4288	0.0201		408.9316

3.4 P6 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.9255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	43.2870	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

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3.4 P6 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	2.8419	6.9000e-004	2.8426	0.2967	6.5000e-004	0.2973		149.7735	149.7735	8.7000e-003		149.9911

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.9255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885
Total	43.0345	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885

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3.4 P6 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	1.2609	6.9000e-004	1.2616	0.1387	6.5000e-004	0.1394		149.7735	149.7735	8.7000e-003		149.9911

3.5 P6 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

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3.5 P6 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0177	0.5950	0.1914	2.0200e-003	1.7723	7.3000e-004	1.7730	0.1869	7.0000e-004	0.1876		217.8855	217.8855	0.0154		218.2701
Worker	0.0942	0.0539	0.5605	1.9100e-003	9.1267	1.5000e-003	9.1282	0.9482	1.3800e-003	0.9496		190.5433	190.5433	4.7300e-003		190.6615
Total	0.1118	0.6489	0.7519	3.9300e-003	10.8990	2.2300e-003	10.9013	1.1351	2.0800e-003	1.1372		408.4288	408.4288	0.0201		408.9316

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

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3.5 P6 Building Construction 2 (mo. 5) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0177	0.5950	0.1914	2.0200e-003	0.7901	7.3000e-004	0.7908	0.0888	7.0000e-004	0.0895		217.8855	217.8855	0.0154		218.2701
Worker	0.0942	0.0539	0.5605	1.9100e-003	4.0406	1.5000e-003	4.0421	0.4402	1.3800e-003	0.4415		190.5433	190.5433	4.7300e-003		190.6615
Total	0.1118	0.6489	0.7519	3.9300e-003	4.8307	2.2300e-003	4.8329	0.5290	2.0800e-003	0.5311		408.4288	408.4288	0.0201		408.9316

3.6 P6 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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3.6 P6 Paving - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0269	0.0154	0.1602	5.5000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0490	0.7591	0.3994	3.0700e-003	4.8230	1.3500e-003	4.8244	0.5046	1.2600e-003	0.5058		326.7978	326.7978	0.0206		327.3123

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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3.6 P6 Paving - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	0.9876	9.2000e-004	0.9885	0.1110	8.7000e-004	0.1119		272.3569	272.3569	0.0192		272.8376
Worker	0.0269	0.0154	0.1602	5.5000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0490	0.7591	0.3994	3.0700e-003	2.1421	1.3500e-003	2.1434	0.2368	1.2600e-003	0.2380		326.7978	326.7978	0.0206		327.3123

3.7 P7 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	1.1216	11.0883	9.6613	0.0194	0.5303	0.5115	1.0418	0.0573	0.4811	0.5384		1,841.7857	1,841.7857	0.4105		1,852.0477

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3.7 P7 Site Preparation (mo. 1) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0425	0.3167	0.2959	1.6900e-003	4.1457	9.0000e-004	4.1466	0.4321	8.4000e-004	0.4330		176.9939	176.9939	9.3800e-003		177.2284

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.7 P7 Site Preparation (mo. 1) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0425	0.3167	0.2959	1.6900e-003	1.8381	9.0000e-004	1.8390	0.2016	8.4000e-004	0.2025		176.9939	176.9939	9.3800e-003		177.2284

3.8 P7 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155
Total	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155

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3.8 P7 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0425	0.3167	0.2959	1.6900e-003	4.1457	9.0000e-004	4.1466	0.4321	8.4000e-004	0.4330		176.9939	176.9939	9.3800e-003		177.2284

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.8 P7 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0425	0.3167	0.2959	1.6900e-003	1.8381	9.0000e-004	1.8390	0.2016	8.4000e-004	0.2025		176.9939	176.9939	9.3800e-003		177.2284

3.8 P7 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

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3.8 P7 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.8 P7 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.9 P7 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.4724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	27.8339	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

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3.9 P7 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	1.5381	4.8000e-004	1.5385	0.1612	4.5000e-004	0.1616		122.5530	122.5530	8.0300e-003		122.7537

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.4724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885
Total	27.5813	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885

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3.9 P7 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	0.6837	4.8000e-004	0.6841	0.0759	4.5000e-004	0.0763		122.5530	122.5530	8.0300e-003		122.7537

3.9 P7 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.4724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	27.8141	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

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3.9 P7 Architectural Coating - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	1.5381	4.6000e-004	1.5385	0.1612	4.4000e-004	0.1616		121.3508	121.3508	7.9100e-003		121.5486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.4724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	27.5813	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

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3.9 P7 Architectural Coating - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	0.6837	4.6000e-004	0.6841	0.0759	4.4000e-004	0.0763		121.3508	121.3508	7.9100e-003		121.5486

3.10 P7 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

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3.10 P7 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

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3.10 P7 Building Construction 2 (mo. 5) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.11 P7 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

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3.11 P7 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	4.8230	1.3100e-003	4.8243	0.5046	1.2400e-003	0.5058		322.9671	322.9671	0.0203		323.4734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

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3.11 P7 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	2.1421	1.3100e-003	2.1434	0.2368	1.2400e-003	0.2380		322.9671	322.9671	0.0203		323.4734

3.12 P8 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.5303	0.4465	0.9767	0.0573	0.4200	0.4772		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.12 P8 Site Preparation (mo. 1) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.12 P8 Site Preparation (mo. 1) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.13 P8 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

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3.13 P8 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

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3.13 P8 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.14 P8 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.7502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	29.0919	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

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3.14 P8 Architectural Coating - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	1.5381	4.6000e-004	1.5385	0.1612	4.4000e-004	0.1616		121.3508	121.3508	7.9100e-003		121.5486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.7502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	28.8591	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

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3.14 P8 Architectural Coating - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	0.6837	4.6000e-004	0.6841	0.0759	4.4000e-004	0.0763		121.3508	121.3508	7.9100e-003		121.5486

3.15 P8 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

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3.15 P8 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

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3.15 P8 Building Construction 2 (mo. 5) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.16 P8 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

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3.16 P8 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	4.8230	1.3100e-003	4.8243	0.5046	1.2400e-003	0.5058		322.9671	322.9671	0.0203		323.4734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.16 P8 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	2.1421	1.3100e-003	2.1434	0.2368	1.2400e-003	0.2380		322.9671	322.9671	0.0203		323.4734

3.17 P9 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.5303	0.4465	0.9767	0.0573	0.4200	0.4772		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.17 P9 Site Preparation (mo. 1) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.17 P9 Site Preparation (mo. 1) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.18 P9 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

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3.18 P9 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.18 P9 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.19 P9 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.7502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	29.0919	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.19 P9 Architectural Coating - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	1.5381	4.6000e-004	1.5385	0.1612	4.4000e-004	0.1616		121.3508	121.3508	7.9100e-003		121.5486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.7502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	28.8591	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.19 P9 Architectural Coating - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	0.6837	4.6000e-004	0.6841	0.0759	4.4000e-004	0.0763		121.3508	121.3508	7.9100e-003		121.5486

3.20 P9 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.20 P9 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.20 P9 Building Construction 2 (mo. 5) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.21 P9 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.21 P9 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	4.8230	1.3100e-003	4.8243	0.5046	1.2400e-003	0.5058		322.9671	322.9671	0.0203		323.4734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.21 P9 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	2.1421	1.3100e-003	2.1434	0.2368	1.2400e-003	0.2380		322.9671	322.9671	0.0203		323.4734

3.22 P10 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.22 P10 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	4.8230	1.3100e-003	4.8243	0.5046	1.2400e-003	0.5058		322.9671	322.9671	0.0203		323.4734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.22 P10 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	2.1421	1.3100e-003	2.1434	0.2368	1.2400e-003	0.2380		322.9671	322.9671	0.0203		323.4734

3.23 P11 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.23 P11 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	4.8230	1.3100e-003	4.8243	0.5046	1.2400e-003	0.5058		322.9671	322.9671	0.0203		323.4734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.23 P11 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	2.1421	1.3100e-003	2.1434	0.2368	1.2400e-003	0.2380		322.9671	322.9671	0.0203		323.4734

3.24 P10 Site Preparation (mo. 1) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.5303	0.4465	0.9767	0.0573	0.4200	0.4772		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.24 P10 Site Preparation (mo. 1) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	3.0507	5.8000e-004	3.0513	0.3177	5.4000e-004	0.3182		104.1680	104.1680	4.9200e-003		104.2910

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.24 P10 Site Preparation (mo. 1) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	1.3520	5.8000e-004	1.3526	0.1480	5.4000e-004	0.1485		104.1680	104.1680	4.9200e-003		104.2910

3.25 P11 Site Preparation (mo. 1) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.5303	0.4465	0.9767	0.0573	0.4200	0.4772		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.25 P11 Site Preparation (mo. 1) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	2.2154	8.6000e-004	2.2162	0.2337	8.2000e-004	0.2345		269.2035	269.2035	0.0188		269.6733
Worker	0.1112	0.0594	0.6317	2.2700e-003	11.7344	1.8300e-003	11.7362	1.2191	1.6900e-003	1.2208		226.4730	226.4730	5.2200e-003		226.6035
Total	0.1321	0.7820	0.8627	4.7500e-003	13.9497	2.6900e-003	13.9524	1.4528	2.5100e-003	1.4553		495.6765	495.6765	0.0240		496.2768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.25 P11 Site Preparation (mo. 1) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	0.9876	8.6000e-004	0.9884	0.1110	8.2000e-004	0.1118		269.2035	269.2035	0.0188		269.6733
Worker	0.1112	0.0594	0.6317	2.2700e-003	5.1951	1.8300e-003	5.1969	0.5659	1.6900e-003	0.5676		226.4730	226.4730	5.2200e-003		226.6035
Total	0.1321	0.7820	0.8627	4.7500e-003	6.1827	2.6900e-003	6.1854	0.6770	2.5100e-003	0.6794		495.6765	495.6765	0.0240		496.2768

3.26 P10 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

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3.26 P10 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	3.0507	5.8000e-004	3.0513	0.3177	5.4000e-004	0.3182		104.1680	104.1680	4.9200e-003		104.2910

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.26 P10 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	1.3520	5.8000e-004	1.3526	0.1480	5.4000e-004	0.1485		104.1680	104.1680	4.9200e-003		104.2910

3.27 P11 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.27 P11 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	2.2154	8.6000e-004	2.2162	0.2337	8.2000e-004	0.2345		269.2035	269.2035	0.0188		269.6733
Worker	0.1112	0.0594	0.6317	2.2700e-003	11.7344	1.8300e-003	11.7362	1.2191	1.6900e-003	1.2208		226.4730	226.4730	5.2200e-003		226.6035
Total	0.1321	0.7820	0.8627	4.7500e-003	13.9497	2.6900e-003	13.9524	1.4528	2.5100e-003	1.4553		495.6765	495.6765	0.0240		496.2768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.27 P11 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	0.9876	8.6000e-004	0.9884	0.1110	8.2000e-004	0.1118		269.2035	269.2035	0.0188		269.6733
Worker	0.1112	0.0594	0.6317	2.2700e-003	5.1951	1.8300e-003	5.1969	0.5659	1.6900e-003	0.5676		226.4730	226.4730	5.2200e-003		226.6035
Total	0.1321	0.7820	0.8627	4.7500e-003	6.1827	2.6900e-003	6.1854	0.6770	2.5100e-003	0.6794		495.6765	495.6765	0.0240		496.2768

3.28 P10 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	13.5120	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.28 P10 Architectural Coating - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	1.5381	4.4000e-004	1.5385	0.1612	4.2000e-004	0.1616		120.2632	120.2632	7.8100e-003		120.4584

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	13.2792	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.28 P10 Architectural Coating - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	0.6837	4.4000e-004	0.6841	0.0759	4.2000e-004	0.0763		120.2632	120.2632	7.8100e-003		120.4584

3.29 P11 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	13.5120	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.29 P11 Architectural Coating - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0247	0.0132	0.1404	5.0000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0331	0.3022	0.2328	1.4900e-003	3.4938	7.5000e-004	3.4945	0.3644	7.1000e-004	0.3651		158.0087	158.0087	8.6800e-003		158.2257

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	13.2792	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.29 P11 Architectural Coating - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0247	0.0132	0.1404	5.0000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0331	0.3022	0.2328	1.4900e-003	1.5495	7.5000e-004	1.5503	0.1702	7.1000e-004	0.1709		158.0087	158.0087	8.6800e-003		158.2257

3.30 P10 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.30 P10 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	3.0507	5.8000e-004	3.0513	0.3177	5.4000e-004	0.3182		104.1680	104.1680	4.9200e-003		104.2910

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.30 P10 Building Construction 2 (mo. 5) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	1.3520	5.8000e-004	1.3526	0.1480	5.4000e-004	0.1485		104.1680	104.1680	4.9200e-003		104.2910

3.31 P11 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.31 P11 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	2.2154	8.6000e-004	2.2162	0.2337	8.2000e-004	0.2345		269.2035	269.2035	0.0188		269.6733
Worker	0.1112	0.0594	0.6317	2.2700e-003	11.7344	1.8300e-003	11.7362	1.2191	1.6900e-003	1.2208		226.4730	226.4730	5.2200e-003		226.6035
Total	0.1321	0.7820	0.8627	4.7500e-003	13.9497	2.6900e-003	13.9524	1.4528	2.5100e-003	1.4553		495.6765	495.6765	0.0240		496.2768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

3.31 P11 Building Construction 2 (mo. 5) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	0.9876	8.6000e-004	0.9884	0.1110	8.2000e-004	0.1118		269.2035	269.2035	0.0188		269.6733
Worker	0.1112	0.0594	0.6317	2.2700e-003	5.1951	1.8300e-003	5.1969	0.5659	1.6900e-003	0.5676		226.4730	226.4730	5.2200e-003		226.6035
Total	0.1321	0.7820	0.8627	4.7500e-003	6.1827	2.6900e-003	6.1854	0.6770	2.5100e-003	0.6794		495.6765	495.6765	0.0240		496.2768

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.5100	26.6251	77.2700	0.2982	32.1964	0.2278	32.4241	8.6023	0.2116	8.8140		30,476.77 95	30,476.77 95	1.5099		30,514.52 60
Unmitigated	6.5100	26.6251	77.2700	0.2982	32.1964	0.2278	32.4241	8.6023	0.2116	8.8140		30,476.77 95	30,476.77 95	1.5099		30,514.52 60

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	5,320.00	5,320.00	5320.00	15,190,214	15,190,214
Total	5,320.00	5,320.00	5,320.00	15,190,214	15,190,214

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5
NaturalGas Unmitigated	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	38624.7	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5
Total		0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.077 4	4,544.077 4	0.0871	0.0833	4,571.080 5

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	38.6247	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
Total		0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7
Unmitigated	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.0098					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	37.4902					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.0327	8.8249	3.7553	0.0563		0.7135	0.7135		0.7135	0.7135	0.0000	11,265.88 24	11,265.88 24	0.2159	0.2065	11,332.829 9
Landscaping	1.3166	0.5051	43.8491	2.3200e-003		0.2433	0.2433		0.2433	0.2433		79.0298	79.0298	0.0757		80.9218
Total	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.91 22	11,344.91 22	0.2916	0.2065	11,413.75 17

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.0098					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	37.4902					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.0327	8.8249	3.7553	0.0563		0.7135	0.7135		0.7135	0.7135	0.0000	11,265.8824	11,265.8824	0.2159	0.2065	11,332.8299
Landscaping	1.3166	0.5051	43.8491	2.3200e-003		0.2433	0.2433		0.2433	0.2433		79.0298	79.0298	0.0757		80.9218
Total	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.9122	11,344.9122	0.2916	0.2065	11,413.7517

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

Proctor Valley EIR - Central Village Residential (P 6-11)

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	532.00	Dwelling Unit	194.60	1,751,876.00	1463

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	441.1	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Off-road Equipment - Refer to CalEEMod Input Matrix 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Emission Factors -

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

Vehicle Emission Factors -
Vehicle Emission Factors -

Woodstoves - No wood fireplaces or stoves.

Area Coating - Refer to CalEEMod Input Matrix Table 11

Energy Use - Based on Console Energy Study.

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

Water Mitigation - Refer to CalEEMod Input Matrix Table 36.

Waste Mitigation - In accordance with AB 341.

Vehicle Trips - Refer to CalEEMod Input Matrix

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	106,689.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	166,701.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	50,010.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	50,010.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	106,689.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	1,182,516.00	106,689.00
tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	320,066.00
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tblArchitecturalCoating	ConstArea_Residential_Interior	3,547,549.00	150,030.00
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tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
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tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	292.60	532.00
tblFireplaces	NumberWood	186.20	0.00
tblLandUse	BuildingSpaceSquareFeet	957,600.00	1,751,876.00

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[illegible]

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

[illegible]

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	PhaseName		P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P8 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P9 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P10 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P11 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P10 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P11 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P7 Building Construction 2 (mo. 5)

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

tbloffRoadEquipment	PhaseName	P6 Site Preparation (mo. 1)
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tbloffRoadEquipment	PhaseName	P11 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P6 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P10 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P11 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P9 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P9 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P6 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P10 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P11 Building Construction 1 (mo. 2-4)
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tbloffRoadEquipment	PhaseName	P11 Building Construction 2 (mo. 5)
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tbloffRoadEquipment	PhaseName	P7 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P7 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P6 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)

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[illegible]

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

[illegible]

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	441.1
tblProjectCharacteristics	OperationalYear	2018	2027
tblTripsAndVMT	VendorTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
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tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	57.00	2.00
tblTripsAndVMT	VendorTripNumber	57.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	10.00
tblTripsAndVMT	VendorTripNumber	57.00	8.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
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tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	57.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	28.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00
tblTripsAndVMT	WorkerTripNumber	38.00	2.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00
tblTripsAndVMT	WorkerTripNumber	38.00	2.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00
tblTripsAndVMT	WorkerTripNumber	192.00	28.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	36.00
tblTripsAndVMT	WorkerTripNumber	192.00	8.00
tblTripsAndVMT	WorkerTripNumber	192.00	36.00
tblTripsAndVMT	WorkerTripNumber	38.00	2.00
tblTripsAndVMT	WorkerTripNumber	38.00	8.00
tblTripsAndVMT	WorkerTripNumber	192.00	8.00
tblTripsAndVMT	WorkerTripNumber	38.00	6.00
tblTripsAndVMT	WorkerTripNumber	192.00	36.00
tblTripsAndVMT	WorkerTripNumber	192.00	28.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

tblTripsAndVMT	WorkerTripNumber	38.00	2.00
tblTripsAndVMT	WorkerTripNumber	192.00	10.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	26.60	0.00
tblWoodstoves	NumberNoncatalytic	26.60	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	43.6405	14.3024	21.1559	0.0384	15.7221	0.5806	16.3026	1.6397	0.5353	2.1750	0.0000	3,756.989 3	3,756.989 3	0.9962	0.0000	3,781.894 6
2025	29.3543	31.5386	50.4936	0.0878	18.6148	1.3587	19.9734	1.9459	1.2512	3.1971	0.0000	8,586.372 3	8,586.372 3	2.4511	0.0000	8,647.649 2
2026	27.6338	20.9085	20.2126	0.0447	22.0323	0.8962	22.4095	2.2960	0.8430	2.7279	0.0000	4,309.450 6	4,309.450 6	0.8447	0.0000	4,330.569 3
Maximum	43.6405	31.5386	50.4936	0.0878	22.0323	1.3587	22.4095	2.2960	1.2512	3.1971	0.0000	8,586.372 3	8,586.372 3	2.4511	0.0000	8,647.649 2

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	43.2981	15.2801	24.2086	0.0384	6.9728	0.1415	7.1143	0.7658	0.1413	0.9071	0.0000	3,756.989 3	3,756.989 3	0.9962	0.0000	3,781.894 6
2025	29.0475	36.5095	59.0435	0.0878	8.2643	0.2175	8.4818	0.9120	0.2172	1.1292	0.0000	8,586.372 3	8,586.372 3	2.4511	0.0000	8,647.649 2
2026	27.0202	14.3851	24.4543	0.0447	9.7678	0.2046	9.8082	1.0709	0.2043	1.1110	0.0000	4,309.450 6	4,309.450 6	0.8447	0.0000	4,330.569 3
Maximum	43.2981	36.5095	59.0435	0.0878	9.7678	0.2175	9.8082	1.0709	0.2172	1.1292	0.0000	8,586.372 3	8,586.372 3	2.4511	0.0000	8,647.649 2

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	1.25	0.86	-17.25	0.00	55.64	80.12	56.71	53.27	78.59	61.14	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.9122	11,344.9122	0.2916	0.2065	11,413.7517
Energy	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
Mobile	6.7405	25.9959	79.1209	0.3140	32.1964	0.2270	32.4233	8.6023	0.2109	8.8132		32,078.5547	32,078.5547	1.5043		32,116.1631
Total	56.0063	38.8854	128.2400	0.3954	32.1964	1.4716	33.6679	8.6023	1.4555	10.0578	0.0000	47,967.5443	47,967.5443	1.8830	0.2899	48,100.9953

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.9122	11,344.9122	0.2916	0.2065	11,413.7517
Energy	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
Mobile	6.7405	25.9959	79.1209	0.3140	32.1964	0.2270	32.4233	8.6023	0.2109	8.8132		32,078.5547	32,078.5547	1.5043		32,116.1631
Total	56.0063	38.8854	128.2400	0.3954	32.1964	1.4716	33.6679	8.6023	1.4555	10.0578	0.0000	47,967.5443	47,967.5443	1.8830	0.2899	48,100.9953

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P6 Site Preparation (mo. 1)	Site Preparation	5/1/2024	5/31/2024	5	23	
2	P6 Building Construction 1 (mo. 2 -4)	Building Construction	6/1/2024	8/31/2024	5	65	
3	P6 Architectural Coating	Architectural Coating	7/1/2024	8/31/2024	5	45	
4	P6 Building Construction 2 (mo. 5)	Building Construction	9/1/2024	9/30/2024	5	21	
5	P6 Paving	Paving	9/1/2024	9/30/2024	5	22	
6	P7 Site Preparation (mo. 1)	Site Preparation	10/1/2024	10/31/2024	5	23	
7	P7 Building Construction 1 (mo. 2 -4)	Building Construction	11/1/2024	1/31/2025	5	66	
8	P7 Architectural Coating	Architectural Coating	12/1/2024	1/31/2025	5	45	
9	P7 Building Construction 2 (mo. 5)	Building Construction	2/1/2025	2/28/2025	5	20	
10	P7 Paving	Paving	2/1/2025	2/28/2025	5	21	
11	P8 Site Preparation (mo. 1)	Site Preparation	3/1/2025	3/31/2025	5	21	
12	P8 Building Construction 1 (mo. 2 -4)	Building Construction	4/1/2025	6/30/2025	5	65	
13	P8 Architectural Coating	Architectural Coating	5/1/2025	6/30/2025	5	43	
14	P8 Building Construction 2 (mo. 5)	Building Construction	7/1/2025	7/31/2025	5	23	
15	P8 Paving	Paving	7/1/2025	7/31/2025	5	20	
16	P9 Site Preparation (mo. 1)	Site Preparation	8/1/2025	8/31/2025	5	21	
17	P9 Building Construction 1 (mo. 2 -4)	Building Construction	9/1/2025	11/30/2025	5	65	
18	P9 Architectural Coating	Architectural Coating	10/1/2025	11/30/2025	5	43	

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

19	P9 Building Construction 2 (mo. 5)	Building Construction	12/1/2025	12/31/2025	5	23
20	P9 Paving	Paving	12/1/2025	12/31/2025	5	23
21	P10 Paving	Paving	12/1/2025	12/31/2025	5	23
22	P11 Paving	Paving	12/1/2025	12/31/2025	5	23
23	P10 Site Preparation (mo. 1)	Site Preparation	1/1/2026	1/31/2026	5	22
24	P11 Site Preparation (mo. 1)	Site Preparation	1/1/2026	1/31/2026	5	22
25	P10 Building Construction 1 (mo. 2-4)	Building Construction	2/1/2026	4/30/2026	5	64
26	P11 Building Construction 1 (mo. 2-4)	Building Construction	2/1/2026	4/30/2026	5	64
27	P10 Architectural Coating	Architectural Coating	3/1/2026	4/30/2026	5	44
28	P11 Architectural Coating	Architectural Coating	3/1/2026	4/30/2026	5	44
29	P10 Building Construction 2 (mo. 5)	Building Construction	5/1/2026	5/31/2026	5	21
30	P11 Building Construction 2 (mo. 5)	Building Construction	5/1/2026	5/31/2026	5	21

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 500,103; Residential Outdoor: 166,701; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P6 Architectural Coating	Air Compressors	2	6.00	78	0.48
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P7 Architectural Coating	Air Compressors	2	6.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P8 Architectural Coating	Air Compressors	2	6.00	78	0.48
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P8 Paving	Pavers	2	8.00	130	0.42
P8 Paving	Paving Equipment	2	8.00	132	0.36
P8 Paving	Rollers	2	8.00	80	0.38
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P9 Architectural Coating	Air Compressors	2	6.00	78	0.48
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P9 Paving	Pavers	2	8.00	130	0.42
P9 Paving	Paving Equipment	2	8.00	132	0.36
P9 Paving	Rollers	2	8.00	80	0.38
P10 Paving	Pavers	2	8.00	130	0.42
P10 Paving	Paving Equipment	2	8.00	132	0.36
P10 Paving	Rollers	2	8.00	80	0.38

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

P11 Paving	Pavers	2	8.00	130	0.42
P11 Paving	Paving Equipment	2	8.00	132	0.36
P11 Paving	Rollers	2	8.00	80	0.38
P10 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P10 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P10 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P10 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P11 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P11 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P11 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P11 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P10 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P11 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P10 Architectural Coating	Air Compressors	2	6.00	78	0.48
P11 Architectural Coating	Air Compressors	2	6.00	78	0.48
P10 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P10 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P10 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P11 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P11 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P11 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P6 Site Preparation (mo. 1)	5	28.00	8.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2-3)	2	28.00	8.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	4	28.00	8.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2-3)	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	4	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2-3)	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	4	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2-3)	2	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	4	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Site Preparation (mo. 1)	5	36.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 1 (mo. 2-3)	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

P11 Building Construction 1 (mo. 2-3)	2	36.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Architectural Coatings	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Architectural Coatings	2	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P10 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P11 Building Construction 2 (mo. 5)	4	36.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P6 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	1.1216	11.0883	9.6613	0.0194	0.5303	0.5115	1.0418	0.0573	0.4811	0.5384		1,841.7857	1,841.7857	0.4105		1,852.0477

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.2 P6 Site Preparation (mo. 1) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.5976	0.1745	2.0700e-003	1.7723	7.0000e-004	1.7730	0.1869	6.7000e-004	0.1876		223.6061	223.6061	0.0146		223.9714
Worker	0.0823	0.0481	0.5998	2.0400e-003	9.1267	1.5000e-003	9.1282	0.9482	1.3800e-003	0.9496		202.9544	202.9544	5.0200e-003		203.0799
Total	0.0991	0.6457	0.7743	4.1100e-003	10.8990	2.2000e-003	10.9012	1.1351	2.0500e-003	1.1372		426.5605	426.5605	0.0196		427.0513

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.2 P6 Site Preparation (mo. 1) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.5976	0.1745	2.0700e-003	0.7901	7.0000e-004	0.7908	0.0888	6.7000e-004	0.0895		223.6061	223.6061	0.0146		223.9714
Worker	0.0823	0.0481	0.5998	2.0400e-003	4.0406	1.5000e-003	4.0421	0.4402	1.3800e-003	0.4415		202.9544	202.9544	5.0200e-003		203.0799
Total	0.0991	0.6457	0.7743	4.1100e-003	4.8307	2.2000e-003	4.8329	0.5290	2.0500e-003	0.5310		426.5605	426.5605	0.0196		427.0513

3.3 P6 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155
Total	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155

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3.3 P6 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.5976	0.1745	2.0700e-003	1.7723	7.0000e-004	1.7730	0.1869	6.7000e-004	0.1876		223.6061	223.6061	0.0146		223.9714
Worker	0.0823	0.0481	0.5998	2.0400e-003	9.1267	1.5000e-003	9.1282	0.9482	1.3800e-003	0.9496		202.9544	202.9544	5.0200e-003		203.0799
Total	0.0991	0.6457	0.7743	4.1100e-003	10.8990	2.2000e-003	10.9012	1.1351	2.0500e-003	1.1372		426.5605	426.5605	0.0196		427.0513

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.3 P6 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.5976	0.1745	2.0700e-003	0.7901	7.0000e-004	0.7908	0.0888	6.7000e-004	0.0895		223.6061	223.6061	0.0146		223.9714
Worker	0.0823	0.0481	0.5998	2.0400e-003	4.0406	1.5000e-003	4.0421	0.4402	1.3800e-003	0.4415		202.9544	202.9544	5.0200e-003		203.0799
Total	0.0991	0.6457	0.7743	4.1100e-003	4.8307	2.2000e-003	4.8329	0.5290	2.0500e-003	0.5310		426.5605	426.5605	0.0196		427.0513

3.4 P6 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.9255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	43.2870	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.4 P6 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	2.8419	6.7000e-004	2.8426	0.2967	6.3000e-004	0.2973		155.2933	155.2933	8.3900e-003		155.5028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	42.9255					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885
Total	43.0345	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885

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3.4 P6 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	1.2609	6.7000e-004	1.2616	0.1387	6.3000e-004	0.1394		155.2933	155.2933	8.3900e-003		155.5028

3.5 P6 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

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3.5 P6 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.5976	0.1745	2.0700e-003	1.7723	7.0000e-004	1.7730	0.1869	6.7000e-004	0.1876		223.6061	223.6061	0.0146		223.9714
Worker	0.0823	0.0481	0.5998	2.0400e-003	9.1267	1.5000e-003	9.1282	0.9482	1.3800e-003	0.9496		202.9544	202.9544	5.0200e-003		203.0799
Total	0.0991	0.6457	0.7743	4.1100e-003	10.8990	2.2000e-003	10.9012	1.1351	2.0500e-003	1.1372		426.5605	426.5605	0.0196		427.0513

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

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3.5 P6 Building Construction 2 (mo. 5) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0167	0.5976	0.1745	2.0700e-003	0.7901	7.0000e-004	0.7908	0.0888	6.7000e-004	0.0895		223.6061	223.6061	0.0146		223.9714
Worker	0.0823	0.0481	0.5998	2.0400e-003	4.0406	1.5000e-003	4.0421	0.4402	1.3800e-003	0.4415		202.9544	202.9544	5.0200e-003		203.0799
Total	0.0991	0.6457	0.7743	4.1100e-003	4.8307	2.2000e-003	4.8329	0.5290	2.0500e-003	0.5310		426.5605	426.5605	0.0196		427.0513

3.6 P6 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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3.6 P6 Paving - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0235	0.0137	0.1714	5.8000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0445	0.7608	0.3895	3.1600e-003	4.8230	1.3000e-003	4.8243	0.5046	1.2200e-003	0.5058		337.4946	337.4946	0.0197		337.9870

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

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3.6 P6 Paving - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	0.9876	8.7000e-004	0.9885	0.1110	8.3000e-004	0.1119		279.5076	279.5076	0.0183		279.9642
Worker	0.0235	0.0137	0.1714	5.8000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0445	0.7608	0.3895	3.1600e-003	2.1421	1.3000e-003	2.1434	0.2368	1.2200e-003	0.2380		337.4946	337.4946	0.0197		337.9870

3.7 P7 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	1.1216	11.0883	9.6613	0.0194	0.5303	0.5115	1.0418	0.0573	0.4811	0.5384		1,841.7857	1,841.7857	0.4105		1,852.0477

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3.7 P7 Site Preparation (mo. 1) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0378	0.3160	0.3015	1.7600e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		184.2868	184.2868	9.1000e-003		184.5142

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477

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3.7 P7 Site Preparation (mo. 1) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0378	0.3160	0.3015	1.7600e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		184.2868	184.2868	9.1000e-003		184.5142

3.8 P7 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155
Total	0.2283	2.6175	4.2452	6.1800e-003		0.0993	0.0993		0.0913	0.0913		597.7821	597.7821	0.1933		602.6155

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.8 P7 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0378	0.3160	0.3015	1.7600e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		184.2868	184.2868	9.1000e-003		184.5142

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.7821	597.7821	0.1933		602.6155

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.8 P7 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0378	0.3160	0.3015	1.7600e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		184.2868	184.2868	9.1000e-003		184.5142

3.8 P7 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.8 P7 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.8 P7 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.9 P7 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.4724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3615	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885
Total	27.8339	2.4376	3.6203	5.9400e-003		0.1218	0.1218		0.1218	0.1218		562.8961	562.8961	0.0317		563.6885

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.9 P7 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	1.5381	4.6000e-004	1.5385	0.1612	4.3000e-004	0.1616		126.2998	126.2998	7.6700e-003		126.4914

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.4724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885
Total	27.5813	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0317		563.6885

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.9 P7 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	0.6837	4.6000e-004	0.6841	0.0759	4.3000e-004	0.0763		126.2998	126.2998	7.6700e-003		126.4914

3.9 P7 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.4724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	27.8141	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

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3.9 P7 Architectural Coating - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	1.5381	4.5000e-004	1.5385	0.1612	4.2000e-004	0.1616		125.0254	125.0254	7.5600e-003		125.2145

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	27.4724					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	27.5813	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

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3.9 P7 Architectural Coating - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	0.6837	4.5000e-004	0.6841	0.0759	4.2000e-004	0.0763		125.0254	125.0254	7.5600e-003		125.2145

3.10 P7 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

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3.10 P7 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

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3.10 P7 Building Construction 2 (mo. 5) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.11 P7 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.11 P7 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	4.8230	1.2700e-003	4.8243	0.5046	1.2000e-003	0.5058		333.4289	333.4289	0.0194		333.9141

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.11 P7 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	2.1421	1.2700e-003	2.1433	0.2368	1.2000e-003	0.2380		333.4289	333.4289	0.0194		333.9141

3.12 P8 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.5303	0.4465	0.9767	0.0573	0.4200	0.4772		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.12 P8 Site Preparation (mo. 1) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.12 P8 Site Preparation (mo. 1) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.13 P8 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.13 P8 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.13 P8 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.14 P8 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.7502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	29.0919	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.14 P8 Architectural Coating - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	1.5381	4.5000e-004	1.5385	0.1612	4.2000e-004	0.1616		125.0254	125.0254	7.5600e-003		125.2145

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.7502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	28.8591	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

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3.14 P8 Architectural Coating - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	0.6837	4.5000e-004	0.6841	0.0759	4.2000e-004	0.0763		125.0254	125.0254	7.5600e-003		125.2145

3.15 P8 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

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3.15 P8 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

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3.15 P8 Building Construction 2 (mo. 5) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.16 P8 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

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3.16 P8 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	4.8230	1.2700e-003	4.8243	0.5046	1.2000e-003	0.5058		333.4289	333.4289	0.0194		333.9141

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

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3.16 P8 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	2.1421	1.2700e-003	2.1433	0.2368	1.2000e-003	0.2380		333.4289	333.4289	0.0194		333.9141

3.17 P9 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.5303	0.4465	0.9767	0.0573	0.4200	0.4772		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.17 P9 Site Preparation (mo. 1) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.17 P9 Site Preparation (mo. 1) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.18 P9 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

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3.18 P9 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.18 P9 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.19 P9 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.7502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	29.0919	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.19 P9 Architectural Coating - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	1.5381	4.5000e-004	1.5385	0.1612	4.2000e-004	0.1616		125.0254	125.0254	7.5600e-003		125.2145

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	28.7502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	28.8591	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.19 P9 Architectural Coating - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	0.6837	4.5000e-004	0.6841	0.0759	4.2000e-004	0.0763		125.0254	125.0254	7.5600e-003		125.2145

3.20 P9 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

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3.20 P9 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

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3.20 P9 Building Construction 2 (mo. 5) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.21 P9 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

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3.21 P9 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	4.8230	1.2700e-003	4.8243	0.5046	1.2000e-003	0.5058		333.4289	333.4289	0.0194		333.9141

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

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3.21 P9 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	2.1421	1.2700e-003	2.1433	0.2368	1.2000e-003	0.2380		333.4289	333.4289	0.0194		333.9141

3.22 P10 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.22 P10 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	4.8230	1.2700e-003	4.8243	0.5046	1.2000e-003	0.5058		333.4289	333.4289	0.0194		333.9141

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.22 P10 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	2.1421	1.2700e-003	2.1433	0.2368	1.2000e-003	0.2380		333.4289	333.4289	0.0194		333.9141

3.23 P11 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.23 P11 Paving - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	4.8230	1.2700e-003	4.8243	0.5046	1.2000e-003	0.5058		333.4289	333.4289	0.0194		333.9141

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.23 P11 Paving - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	2.1421	1.2700e-003	2.1433	0.2368	1.2000e-003	0.2380		333.4289	333.4289	0.0194		333.9141

3.24 P10 Site Preparation (mo. 1) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.5303	0.4465	0.9767	0.0573	0.4200	0.4772		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.24 P10 Site Preparation (mo. 1) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.6000e-004	0.0469		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	3.0507	5.7000e-004	3.0513	0.3177	5.4000e-004	0.3182		108.8385	108.8385	4.8100e-003		108.9589

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.24 P10 Site Preparation (mo. 1) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	1.3520	5.7000e-004	1.3526	0.1480	5.4000e-004	0.1485		108.8385	108.8385	4.8100e-003		108.9589

3.25 P11 Site Preparation (mo. 1) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.5303	0.4465	0.9767	0.0573	0.4200	0.4772		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.25 P11 Site Preparation (mo. 1) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	2.2154	8.2000e-004	2.2162	0.2337	7.9000e-004	0.2345		276.1786	276.1786	0.0179		276.6263
Worker	0.0967	0.0530	0.6775	2.4200e-003	11.7344	1.8300e-003	11.7362	1.2191	1.6900e-003	1.2208		241.2124	241.2124	5.5600e-003		241.3513
Total	0.1165	0.7788	0.8884	4.9700e-003	13.9497	2.6500e-003	13.9524	1.4528	2.4800e-003	1.4553		517.3910	517.3910	0.0235		517.9776

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.25 P11 Site Preparation (mo. 1) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	0.9876	8.2000e-004	0.9884	0.1110	7.9000e-004	0.1118		276.1786	276.1786	0.0179		276.6263
Worker	0.0967	0.0530	0.6775	2.4200e-003	5.1951	1.8300e-003	5.1969	0.5659	1.6900e-003	0.5676		241.2124	241.2124	5.5600e-003		241.3513
Total	0.1165	0.7788	0.8884	4.9700e-003	6.1827	2.6500e-003	6.1853	0.6770	2.4800e-003	0.6794		517.3910	517.3910	0.0235		517.9776

3.26 P10 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.26 P10 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.6000e-004	0.0469		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	3.0507	5.7000e-004	3.0513	0.3177	5.4000e-004	0.3182		108.8385	108.8385	4.8100e-003		108.9589

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.26 P10 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	1.3520	5.7000e-004	1.3526	0.1480	5.4000e-004	0.1485		108.8385	108.8385	4.8100e-003		108.9589

3.27 P11 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.27 P11 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	2.2154	8.2000e-004	2.2162	0.2337	7.9000e-004	0.2345		276.1786	276.1786	0.0179		276.6263
Worker	0.0967	0.0530	0.6775	2.4200e-003	11.7344	1.8300e-003	11.7362	1.2191	1.6900e-003	1.2208		241.2124	241.2124	5.5600e-003		241.3513
Total	0.1165	0.7788	0.8884	4.9700e-003	13.9497	2.6500e-003	13.9524	1.4528	2.4800e-003	1.4553		517.3910	517.3910	0.0235		517.9776

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.27 P11 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	0.9876	8.2000e-004	0.9884	0.1110	7.9000e-004	0.1118		276.1786	276.1786	0.0179		276.6263
Worker	0.0967	0.0530	0.6775	2.4200e-003	5.1951	1.8300e-003	5.1969	0.5659	1.6900e-003	0.5676		241.2124	241.2124	5.5600e-003		241.3513
Total	0.1165	0.7788	0.8884	4.9700e-003	6.1827	2.6500e-003	6.1853	0.6770	2.4800e-003	0.6794		517.3910	517.3910	0.0235		517.9776

3.28 P10 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	13.5120	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.28 P10 Architectural Coating - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	1.5381	4.3000e-004	1.5385	0.1612	4.0000e-004	0.1616		123.8721	123.8721	7.4700e-003		124.0589

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	13.2792	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.28 P10 Architectural Coating - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	0.6837	4.3000e-004	0.6841	0.0759	4.0000e-004	0.0763		123.8721	123.8721	7.4700e-003		124.0589

3.29 P11 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	13.5120	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.29 P11 Architectural Coating - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0215	0.0118	0.1506	5.4000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0294	0.3021	0.2349	1.5600e-003	3.4938	7.4000e-004	3.4945	0.3644	6.9000e-004	0.3651		164.0742	164.0742	8.3900e-003		164.2842

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	13.1703					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	13.2792	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.29 P11 Architectural Coating - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0215	0.0118	0.1506	5.4000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0294	0.3021	0.2349	1.5600e-003	1.5495	7.4000e-004	1.5502	0.1702	6.9000e-004	0.1709		164.0742	164.0742	8.3900e-003		164.2842

3.30 P10 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.30 P10 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.6000e-004	0.0469		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	3.0507	5.7000e-004	3.0513	0.3177	5.4000e-004	0.3182		108.8385	108.8385	4.8100e-003		108.9589

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.30 P10 Building Construction 2 (mo. 5) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	1.3520	5.7000e-004	1.3526	0.1480	5.4000e-004	0.1485		108.8385	108.8385	4.8100e-003		108.9589

3.31 P11 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.31 P11 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	2.2154	8.2000e-004	2.2162	0.2337	7.9000e-004	0.2345		276.1786	276.1786	0.0179		276.6263
Worker	0.0967	0.0530	0.6775	2.4200e-003	11.7344	1.8300e-003	11.7362	1.2191	1.6900e-003	1.2208		241.2124	241.2124	5.5600e-003		241.3513
Total	0.1165	0.7788	0.8884	4.9700e-003	13.9497	2.6500e-003	13.9524	1.4528	2.4800e-003	1.4553		517.3910	517.3910	0.0235		517.9776

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

3.31 P11 Building Construction 2 (mo. 5) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	0.9876	8.2000e-004	0.9884	0.1110	7.9000e-004	0.1118		276.1786	276.1786	0.0179		276.6263
Worker	0.0967	0.0530	0.6775	2.4200e-003	5.1951	1.8300e-003	5.1969	0.5659	1.6900e-003	0.5676		241.2124	241.2124	5.5600e-003		241.3513
Total	0.1165	0.7788	0.8884	4.9700e-003	6.1827	2.6500e-003	6.1853	0.6770	2.4800e-003	0.6794		517.3910	517.3910	0.0235		517.9776

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.7405	25.9959	79.1209	0.3140	32.1964	0.2270	32.4233	8.6023	0.2109	8.8132		32,078.55 47	32,078.55 47	1.5043		32,116.16 31
Unmitigated	6.7405	25.9959	79.1209	0.3140	32.1964	0.2270	32.4233	8.6023	0.2109	8.8132		32,078.55 47	32,078.55 47	1.5043		32,116.163 1

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	5,320.00	5,320.00	5320.00	15,190,214	15,190,214
Total	5,320.00	5,320.00	5,320.00	15,190,214	15,190,214

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
NaturalGas Unmitigated	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	38624.7	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
Total		0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	38.6247	0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805
Total		0.4165	3.5595	1.5147	0.0227		0.2878	0.2878		0.2878	0.2878		4,544.0774	4,544.0774	0.0871	0.0833	4,571.0805

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.912 2	11,344.912 2	0.2916	0.2065	11,413.751 7
Unmitigated	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.91 22	11,344.912 2	0.2916	0.2065	11,413.751 7

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.0098					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	37.4902					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.0327	8.8249	3.7553	0.0563		0.7135	0.7135		0.7135	0.7135	0.0000	11,265.882 4	11,265.882 4	0.2159	0.2065	11,332.829 9
Landscaping	1.3166	0.5051	43.8491	2.3200e-003		0.2433	0.2433		0.2433	0.2433		79.0298	79.0298	0.0757		80.9218
Total	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.91 22	11,344.91 22	0.2916	0.2065	11,413.75 17

Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	9.0098					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	37.4902					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.0327	8.8249	3.7553	0.0563		0.7135	0.7135		0.7135	0.7135	0.0000	11,265.88 24	11,265.88 24	0.2159	0.2065	11,332.829 9
Landscaping	1.3166	0.5051	43.8491	2.3200e-003		0.2433	0.2433		0.2433	0.2433		79.0298	79.0298	0.0757		80.9218
Total	48.8492	9.3300	47.6044	0.0587		0.9568	0.9568		0.9568	0.9568	0.0000	11,344.91 22	11,344.91 22	0.2916	0.2065	11,413.75 17

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR - Central Village Residential (P 6-11) - San Diego County, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - Central Village Residential (P 6-11)**San Diego County, Mitigation Report****Construction Mitigation Summary**

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P10 Architectural Coating	0.02	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 1 (mo. 2-4)	0.31	-0.09	-0.10	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 2 (mo. 5)	0.32	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P10 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P10 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P11 Architectural Coating	0.02	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 1 (mo. 2-4)	0.22	-0.07	-0.08	0.00	0.85	0.84	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 2 (mo. 5)	0.24	-0.15	-0.06	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P11 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P11 Site Preparation (mo. 1)	0.59	0.30	-0.20	0.00	0.83	0.82	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	0.01	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.27	-0.02	-0.08	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.28	-0.11	-0.06	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	0.63	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	0.63	0.37	-0.19	0.00	0.85	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	0.01	0.09	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.32	-0.05	-0.09	0.00	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00

P7 Building Construction 2 (mo. 5)	0.31	-0.17	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.66	0.38	-0.20	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	0.01	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	0.30	-0.09	-0.09	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	0.30	-0.17	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P8 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	0.63	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	0.01	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	0.30	-0.09	-0.09	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	0.30	-0.17	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P9 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P9 Site Preparation (mo. 1)	0.63	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	12	12	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	12	12	No Change	0.00
Graders	Diesel	Tier 4 Interim	6	6	No Change	0.00
Pavers	Diesel	Tier 4 Interim	12	12	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	12	12	No Change	0.00
Pumps	Diesel	Tier 4 Interim	6	6	No Change	0.00
Rollers	Diesel	Tier 4 Interim	12	12	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	12	12	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	18	18	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	6	6	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	6	6	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	4.57700E-002	3.07320E-001	4.77680E-001	7.80000E-004	1.42300E-002	1.42300E-002	0.00000E+000	6.74059E+001	6.74059E+001	3.71000E-003	0.00000E+000	6.74986E+001
Cement and Mortar Mixers	7.67000E-003	4.80500E-002	4.02400E-002	9.00000E-005	1.87000E-003	1.87000E-003	0.00000E+000	5.98051E+000	5.98051E+000	6.20000E-004	0.00000E+000	5.99603E+000
Graders	2.15300E-002	2.44220E-001	1.06640E-001	4.40000E-004	7.88000E-003	7.25000E-003	0.00000E+000	3.83394E+001	3.83394E+001	1.24000E-002	0.00000E+000	3.86494E+001
Pavers	2.33200E-002	2.13890E-001	3.85080E-001	6.30000E-004	1.00100E-002	9.21000E-003	0.00000E+000	5.49007E+001	5.49007E+001	1.77600E-002	0.00000E+000	5.53446E+001
Paving Equipment	1.99000E-002	1.73070E-001	3.39170E-001	5.40000E-004	8.52000E-003	7.84000E-003	0.00000E+000	4.75794E+001	4.75794E+001	1.53900E-002	0.00000E+000	4.79641E+001
Pumps	1.93400E-002	1.63630E-001	2.45320E-001	4.30000E-004	7.04000E-003	7.04000E-003	0.00000E+000	3.73037E+001	3.73037E+001	1.56000E-003	0.00000E+000	3.73426E+001
Rollers	1.84000E-002	1.93630E-001	2.45680E-001	3.50000E-004	9.82000E-003	9.04000E-003	0.00000E+000	3.06556E+001	3.06556E+001	9.91000E-003	0.00000E+000	3.09035E+001
Rough Terrain Forklifts	2.54600E-002	3.36890E-001	5.92180E-001	8.90000E-004	9.67000E-003	8.90000E-003	0.00000E+000	7.84117E+001	7.84117E+001	2.53600E-002	0.00000E+000	7.90456E+001
Skid Steer Loaders	1.17000E-002	1.55970E-001	2.69180E-001	4.00000E-004	4.80000E-003	4.41000E-003	0.00000E+000	3.54679E+001	3.54679E+001	1.14700E-002	0.00000E+000	3.57547E+001
Tractors/Loaders/Backhoes	2.30400E-002	2.32560E-001	3.79740E-001	5.30000E-004	9.79000E-003	9.01000E-003	0.00000E+000	4.66225E+001	4.66225E+001	1.50800E-002	0.00000E+000	4.69994E+001
Trenchers	2.13200E-002	1.99230E-001	1.70070E-001	2.20000E-004	1.34600E-002	1.23800E-002	0.00000E+000	1.95957E+001	1.95957E+001	6.34000E-003	0.00000E+000	1.97541E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	1.43800E-002	2.79790E-001	4.83760E-001	7.80000E-004	1.05000E-003	1.05000E-003	0.00000E+000	6.74058E+001	6.74058E+001	3.71000E-003	0.00000E+000	6.74985E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	9.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	5.98050E+000	5.98050E+000	6.20000E-004	0.00000E+000	5.99602E+000
Graders	7.14000E-003	1.15130E-001	2.32040E-001	4.40000E-004	7.10000E-004	7.10000E-004	0.00000E+000	3.83394E+001	3.83394E+001	1.24000E-002	0.00000E+000	3.86494E+001
Pavers	7.68000E-003	2.75360E-001	4.73880E-001	6.30000E-004	1.02000E-003	1.02000E-003	0.00000E+000	5.49006E+001	5.49006E+001	1.77600E-002	0.00000E+000	5.53445E+001
Paving Equipment	6.69000E-003	2.39660E-001	4.12430E-001	5.40000E-004	8.90000E-004	8.90000E-004	0.00000E+000	4.75794E+001	4.75794E+001	1.53900E-002	0.00000E+000	4.79641E+001
Pumps	7.96000E-003	1.54840E-001	2.67720E-001	4.30000E-004	5.80000E-004	5.80000E-004	0.00000E+000	3.73037E+001	3.73037E+001	1.56000E-003	0.00000E+000	3.73425E+001
Rollers	7.84000E-003	1.52600E-001	2.63850E-001	3.50000E-004	5.70000E-004	5.70000E-004	0.00000E+000	3.06556E+001	3.06556E+001	9.91000E-003	0.00000E+000	3.09034E+001
Rough Terrain Forklifts	2.01000E-002	3.91020E-001	6.76060E-001	8.90000E-004	1.46000E-003	1.46000E-003	0.00000E+000	7.84116E+001	7.84116E+001	2.53600E-002	0.00000E+000	7.90456E+001
Skid Steer Loaders	9.93000E-003	2.26630E-001	3.06040E-001	4.00000E-004	9.26000E-003	9.26000E-003	0.00000E+000	3.54679E+001	3.54679E+001	1.14700E-002	0.00000E+000	3.57546E+001
Tractors/Loaders/Backhoes	1.18500E-002	2.30540E-001	3.98590E-001	5.30000E-004	8.60000E-004	8.60000E-004	0.00000E+000	4.66224E+001	4.66224E+001	1.50800E-002	0.00000E+000	4.69994E+001
Trenchers	4.99000E-003	9.71500E-002	1.67970E-001	2.20000E-004	3.60000E-004	3.60000E-004	0.00000E+000	1.95956E+001	1.95956E+001	6.34000E-003	0.00000E+000	1.97541E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	6.85820E-001	8.95809E-002	-1.27282E-002	0.00000E+000	9.26212E-001	9.26212E-001	0.00000E+000	1.18684E-006	1.18684E-006	0.00000E+000	0.00000E+000	1.18521E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.67210E-006	1.67210E-006	0.00000E+000	0.00000E+000	1.66777E-006
Graders	6.68370E-001	5.28581E-001	-1.17592E+000	0.00000E+000	9.09898E-001	9.02069E-001	0.00000E+000	1.30414E-006	1.30414E-006	0.00000E+000	0.00000E+000	1.03494E-006
Pavers	6.70669E-001	-2.87391E-001	-2.30601E-001	0.00000E+000	8.98102E-001	8.89251E-001	0.00000E+000	1.27503E-006	1.27503E-006	0.00000E+000	0.00000E+000	1.26480E-006
Paving Equipment	6.63819E-001	-3.84758E-001	-2.15998E-001	0.00000E+000	8.95540E-001	8.86480E-001	0.00000E+000	1.26105E-006	1.26105E-006	0.00000E+000	0.00000E+000	1.25094E-006
Pumps	5.88418E-001	5.37188E-002	-9.13093E-002	0.00000E+000	9.17614E-001	9.17614E-001	0.00000E+000	1.07228E-006	1.07228E-006	0.00000E+000	0.00000E+000	1.33895E-006
Rollers	5.73913E-001	2.11899E-001	-7.39580E-002	0.00000E+000	9.41955E-001	9.36947E-001	0.00000E+000	9.78615E-007	9.78615E-007	0.00000E+000	0.00000E+000	1.29435E-006
Rough Terrain Forklifts	2.10526E-001	-1.60676E-001	-1.41646E-001	0.00000E+000	8.49018E-001	8.35955E-001	0.00000E+000	1.27532E-006	1.27532E-006	0.00000E+000	0.00000E+000	1.13858E-006
Skid Steer Loaders	1.51282E-001	-4.53036E-001	-1.36934E-001	0.00000E+000	-9.29167E-001	-1.09977E+000	0.00000E+000	1.12778E-006	1.12778E-006	0.00000E+000	0.00000E+000	1.11873E-006
Tractors/Loaders/Backhoes	4.85677E-001	8.68593E-003	-4.96392E-002	0.00000E+000	9.12155E-001	9.04550E-001	0.00000E+000	1.07244E-006	1.07244E-006	0.00000E+000	0.00000E+000	1.27661E-006
Trenchers	7.65947E-001	5.12373E-001	1.23479E-002	0.00000E+000	9.73254E-001	9.70921E-001	0.00000E+000	1.02063E-006	1.02063E-006	0.00000E+000	0.00000E+000	1.01245E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input			
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P10 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
P10 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.04	0.00	0.56	0.53
P10 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P10 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P10 Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P10 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P10 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P11 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Architectural Coating	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P11 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 1 (mo. 2-4)	Roads	0.40	0.04	0.18	0.02	0.56	0.53
P11 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Building Construction 2 (mo. 5)	Roads	0.13	0.01	0.06	0.01	0.56	0.53
P11 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P11 Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P11 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.60
P11 Site Preparation (mo. 1)	Roads	0.14	0.01	0.06	0.01	0.56	0.53
P6 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	Roads	0.06	0.01	0.03	0.00	0.55	0.53

P6 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	Roads	0.32	0.03	0.14	0.02	0.56	0.53
P6 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	Roads	0.10	0.01	0.05	0.01	0.56	0.53
P6 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
P6 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P6 Site Preparation (mo. 1)	Roads	0.11	0.01	0.05	0.01	0.56	0.53
P7 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P7 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	Roads	0.12	0.01	0.05	0.01	0.56	0.53
P7 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	Roads	0.04	0.00	0.02	0.00	0.56	0.53
P7 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.53
P7 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P7 Site Preparation (mo. 1)	Roads	0.04	0.00	0.02	0.00	0.56	0.53
P8 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P8 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	Roads	0.12	0.01	0.05	0.01	0.56	0.53
P8 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	Roads	0.04	0.00	0.02	0.00	0.56	0.53

P8 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P8 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P8 Site Preparation (mo. 1)	Roads	0.04	0.00	0.02	0.00	0.56	0.53
P9 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P9 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	Roads	0.12	0.01	0.05	0.01	0.56	0.53
P9 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	Roads	0.04	0.00	0.02	0.00	0.56	0.53
P9 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Paving	Roads	0.05	0.01	0.02	0.00	0.55	0.53
P9 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.62
P9 Site Preparation (mo. 1)	Roads	0.04	0.00	0.02	0.00	0.56	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy	0.00	0.00
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
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Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00
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CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - Central Village Residential (P6-11)	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Nov-20	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2027	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	441.1	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
Project Characteristics

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
P6 Site Preparation (mo. 1)	Site Preparation	05/01/2024	05/31/2024	5	23
P6 Building Construction 1 (mo. 2-4)	Building Construction	06/01/2024	08/31/2024	5	65
P6 Architectural Coating	Architectural Coating	07/01/2024	08/31/2024	5	45
P6 Paving	Paving	09/01/2024	09/30/2024	5	22
P6 Building Construction 2 (mo. 5)	Building Construction	09/01/2024	09/30/2024	5	21
P7 Site Preparation (mo. 1)	Site Preparation	10/01/2024	10/31/2024	5	23
P7 Building Construction 1 (mo. 2-4)	Building Construction	11/01/2024	01/31/2025	5	66
P7 Architectural Coating	Architectural Coating	12/01/2024	01/31/2025	5	45
P7 Paving	Paving	02/01/2025	02/28/2025	5	21
P7 Building Construction 2 (mo. 5)	Building Construction	02/01/2025	02/28/2025	5	20
P8 Paving	Paving	07/01/2025	07/31/2025	5	20
P8 Site Preparation (mo. 1)	Site Preparation	03/01/2025	03/31/2025	5	21
P8 Building Construction 1 (mo. 2-4)	Building Construction	04/01/2025	06/30/2025	5	65
P8 Architectural Coating	Architectural Coating	05/01/2025	06/30/2025	5	43
P8 Building Construction 2 (mo. 5)	Building Construction	07/01/2025	07/31/2025	5	23
P9 Paving	Paving	12/01/2025	12/31/2025	5	23
P9 Site Preparation (mo. 1)	Site Preparation	08/01/2025	08/31/2025	5	21
P9 Building Construction 1 (mo. 2-4)	Building Construction	09/01/2025	11/30/2025	5	65
P9 Architectural Coating	Architectural Coating	10/01/2025	11/30/2025	5	43
P9 Building Construction 2 (mo. 5)	Building Construction	12/01/2025	12/31/2025	5	23
P10 Paving	Paving	12/01/2025	12/31/2025	5	23
P11 Paving	Paving	12/01/2025	12/31/2025	5	23
P10 Site Preparation (mo. 1)	Site Preparation	01/01/2026	01/31/2026	5	22
P11 Site Preparation (mo. 1)	Site Preparation	01/01/2026	01/31/2026	5	22
P10 Building Construction 1 (mo. 2-4)	Building Construction	02/01/2026	04/30/2026	5	64
P11 Building Construction 1 (mo. 2-4)	Building Construction	02/01/2026	04/30/2026	5	64
P10 Architectural Coating	Architectural Coating	03/01/2026	04/30/2026	5	44
P11 Architectural Coating	Architectural Coating	03/01/2026	04/30/2026	5	44
P10 Building Construction 2 (mo. 5)	Building Construction	05/01/2026	05/31/2026	5	21
P11 Building Construction 2 (mo. 5)	Building Construction	05/01/2026	05/31/2026	5	21

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment

Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor			
All Phases Site Preparation (mo. 1)	Grader	1		default				
	Skid Steer	1						
	Trencher	1						
	Pump	1						
	Cement Mixer	1						
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1						
	Backhoe	1						
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1						
	Skid Steer	2						
	Cement Mixer	1						
All Phases Paving	default							
All Phases Architectural Coating	Air Compressor	2						

CalEEMod Input Sheet

Construction Phase

Table 7: Dust from Material Movement

Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	default						
Grading							
Notes: Soil movement included in Central Village Residential (1-5)							

Table 8: Demolition

Phase Name	Size Metric	Unit Amount
default		

Table 9: Construction Trips and VMT

[illegible]

**CalEEMod Input Sheet
Construction Phase**

Table 10: On-Road Fugitive Dust

Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
All Phases Site Preparation (mo. 1)	98							
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

Table 11: Architectural Coating

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
P6 Architectural Coating	50	500,103	100	166,701	N/A	0	N/A	0	N/A	default
P7 Architectural Coating	50	320,066	100	106,689	N/A	0	N/A	0	N/A	
P8 Architectural Coating	50	320,066	100	106,689	N/A	0	N/A	0	N/A	
P9 Architectural Coating	50	320,066	100	106,689	N/A	0	N/A	0	N/A	
P10 Architectural Coating	50	150,030	100	50,010	N/A	0	N/A	0	N/A	
P11 Architectural Coating	50	150,030	100	50,010	N/A	0	N/A	0	N/A	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

Proctor Valley EIR - Central Village Non-Residential

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	8.50	1000sqft	2.10	8,500.00	0
City Park	15.20	Acre	15.20	840.00	0
Recreational Swimming Pool	1.50	1000sqft	1.20	1,500.00	0
Regional Shopping Center	10.00	1000sqft	1.50	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	441.1	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

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Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment -

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating - Refer to CalEEMod Input Matrix Table 11

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Water Mitigation -

Waste Mitigation -

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	4,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	5,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	630.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	12,750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	630.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	2,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	15,000.00
tblArchitecturalCoating	ConstArea_Parking	0.00	159,259.00

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

tblArchitecturalCoating	ConstArea_Parking	0.00	66,688.00
tblArchitecturalCoating	ConstArea_Parking	0.00	292,963.00
tblArchitecturalCoating	ConstArea_Parking	0.00	51,272.00
tblArchitecturalCoating	ConstArea_Parking	0.00	59,052.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	LightingElect	0.00	2.91
tblEnergyUse	NT24E	0.00	4.27

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

tblEnergyUse	NT24NG	0.00	7.00
tblEnergyUse	T24E	0.00	1.27
tblEnergyUse	T24NG	0.00	4.00
tblGrading	AcresOfGrading	5.00	0.00
tblGrading	AcresOfGrading	12.50	2.50
tblGrading	AcresOfGrading	7.50	1.50
tblGrading	AcresOfGrading	2.50	0.50
tblGrading	AcresOfGrading	2.50	0.50
tblGrading	AcresOfGrading	17.50	3.50
tblGrading	AcresOfGrading	7.50	0.00
tblGrading	AcresOfGrading	0.50	0.00
tblGrading	AcresOfGrading	1.00	0.00
tblGrading	AcresOfGrading	1.00	0.00
tblGrading	AcresOfGrading	6.00	0.00
tblGrading	AcresOfGrading	1.00	0.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,500.00
tblLandUse	GreenSpaceSquareFeet	662,112.00	840.00
tblLandUse	LandUseSquareFeet	662,112.00	840.00
tblLandUse	LotAcreage	0.20	2.10
tblLandUse	LotAcreage	0.03	1.20
tblLandUse	LotAcreage	0.23	1.50
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
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tblOffRoadEquipment	PhaseName		Site Preparation - Recreational Swimming Pool
tblOffRoadEquipment	PhaseName		Landscaping- Recreational Swimming Pool
tblOffRoadEquipment	PhaseName		Site Preparation - City Park (P3 Scenic)

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

tblOffRoadEquipment	PhaseName		Grading - City Park (P3 Scenic)
tblOffRoadEquipment	PhaseName		Landscaping - City Park (P4 Scenic)
tblOffRoadEquipment	PhaseName		Site Preparation - City Park (P2 Village Green)
tblOffRoadEquipment	PhaseName		Grading -City Park (P2 Village Green)
tblOffRoadEquipment	PhaseName		Site Preparation - User Defined (Retail Commercial Mix)
tblOffRoadEquipment	PhaseName		Landscaping - City Park (P1 Village Green)
tblOffRoadEquipment	PhaseName		Landscaping - City Park (Private Park Central)
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[illegible]

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

[illegible]

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

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Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

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Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

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tblVehicleTrips	ST_TR	49.97	110.00
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tblVehicleTrips	SU_TR	25.24	110.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	6.83	1.88
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tblVehicleTrips	WD_TR	42.70	110.00

2.0 Emissions Summary

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	33.6138	34.8257	28.2358	0.0634	25.9400	1.4251	26.7711	10.7529	1.3111	11.5378	0.0000	6,149.441 3	6,149.441 3	1.9528	0.0000	6,198.260 4
2024	19.8357	32.8495	27.9386	0.0635	25.9400	1.4489	27.3889	10.7529	1.3417	12.0946	0.0000	6,159.522 2	6,159.522 2	1.9524	0.0000	6,208.331 6
2025	16.8087	75.4094	78.4040	0.1721	51.6457	3.0309	54.5885	21.4801	2.8112	24.2101	0.0000	16,653.32 48	16,653.32 48	4.7024	0.0000	16,770.88 44
2026	8.1724	25.4134	36.1945	0.0640	31.4149	1.0489	32.4638	11.3252	0.9801	12.3053	0.0000	6,201.428 9	6,201.428 9	1.5048	0.0000	6,239.048 9
Maximum	33.6138	75.4094	78.4040	0.1721	51.6457	3.0309	54.5885	21.4801	2.8112	24.2101	0.0000	16,653.32 48	16,653.32 48	4.7024	0.0000	16,770.88 44

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	32.4090	19.5808	36.9072	0.0634	10.5399	0.1856	10.7255	4.2577	0.1855	4.4432	0.0000	6,149.441 3	6,149.441 3	1.9528	0.0000	6,198.260 4
2024	17.4285	19.5797	36.9384	0.0635	10.5399	0.1543	10.6615	4.2577	0.1542	4.3793	0.0000	6,159.522 1	6,159.522 1	1.9524	0.0000	6,208.331 6
2025	15.8416	56.2428	101.5225	0.1721	20.9733	0.3109	21.2053	8.5025	0.3107	8.7342	0.0000	16,653.32 48	16,653.32 48	4.7024	0.0000	16,770.88 44
2026	6.6242	25.9684	41.1050	0.0640	12.9705	0.2242	13.1947	4.5259	0.2240	4.7499	0.0000	6,201.428 9	6,201.428 9	1.5048	0.0000	6,239.048 9
Maximum	32.4090	56.2428	101.5225	0.1721	20.9733	0.3109	21.2053	8.5025	0.3107	8.7342	0.0000	16,653.32 48	16,653.32 48	4.7024	0.0000	16,770.88 44

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	7.81	27.97	-26.76	0.00	59.22	87.42	60.49	60.33	86.43	62.91	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4256	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Energy	6.2400e-003	0.0567	0.0477	3.4000e-004		4.3100e-003	4.3100e-003		4.3100e-003	4.3100e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4770
Mobile	2.2199	9.1042	22.6729	0.0590	4.6602	0.0746	4.7349	1.2455	0.0704	1.3158		5,979.0198	5,979.0198	0.3831		5,988.5983
Total	2.6518	9.1609	22.7241	0.0593	4.6602	0.0790	4.7392	1.2455	0.0747	1.3201		6,047.1000	6,047.1000	0.3845	1.2500e-003	6,057.0835

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4668	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Energy	6.2400e-003	0.0567	0.0477	3.4000e-004		4.3100e-003	4.3100e-003		4.3100e-003	4.3100e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4770
Mobile	2.2199	9.1042	22.6729	0.0590	4.6602	0.0746	4.7349	1.2455	0.0704	1.3158		5,979.0198	5,979.0198	0.3831		5,988.5983
Total	2.6929	9.1609	22.7241	0.0593	4.6602	0.0790	4.7392	1.2455	0.0747	1.3201		6,047.1000	6,047.1000	0.3845	1.2500e-003	6,057.0835

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	-1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - Recreational Swimming Pool	Site Preparation	4/1/2023	4/3/2023	5	1	
2	Grading- Recreational Swimming Pool	Grading	4/4/2023	4/6/2023	5	3	
3	Building Construction- Recreational Swimming Pool	Building Construction	4/7/2023	7/31/2023	5	82	
4	Architectural Coating - Recreational Swimming Pool	Architectural Coating	6/1/2023	7/31/2023	5	43	
5	Landscaping- Recreational Swimming Pool	Site Preparation	7/1/2023	7/31/2023	5	21	
6	Paving - City Park (P3 Scenic)	Paving	4/24/2024	4/30/2024	5	5	
7	Site Preparation - City Park (P3 Scenic)	Site Preparation	5/1/2024	5/2/2024	5	2	
8	Grading - City Park (P3 Scenic)	Grading	5/3/2024	5/7/2024	5	3	
9	Building Construction - City Park (P3 Scenic)	Building Construction	5/8/2024	9/2/2024	5	84	
10	Architectural Coating - City Park (P3 Scenic)	Architectural Coating	7/1/2024	8/31/2024	5	45	
11	Site Preparation - City Park (P4 Scenic)	Site Preparation	8/1/2024	8/2/2024	5	2	
12	Grading - City Park (P4 Scenic)	Grading	8/3/2024	8/3/2024	5	0	
13	Landscaping - City Park (P4 Scenic)	Building Construction	8/4/2024	8/30/2024	5	20	
14	Paving -City Park (P2 Village Green)	Paving	4/24/2025	4/30/2025	5	5	
15	Site Preparation - City Park (P2 Village Green)	Site Preparation	5/1/2025	5/2/2025	5	2	
16	Grading -City Park (P2 Village Green)	Grading	5/3/2025	5/6/2025	5	2	

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17	Building Construction - City Park (P2 Village Green)	Building Construction	5/7/2025	8/29/2025	5	83
18	Site Preparation - User Defined (Retail Commercial Mix)	Site Preparation	6/1/2025	6/3/2025	5	2
19	Grading - User Defined (Retail Commercial Mix)	Grading	6/4/2025	6/10/2025	5	5
20	Building Construction - User Defined (Retail Commercial Mix)	Building Construction	6/11/2025	12/1/2025	5	124
21	Architectural Coating - City Park (P2 Village Green)	Architectural Coating	7/1/2025	8/31/2025	5	44
22	Site Preparation - City Park (P1 Village Green)	Site Preparation	8/1/2025	8/4/2025	5	2
23	Site Preparation - City Park (Private Park Central)	Site Preparation	8/1/2025	8/4/2025	5	2
24	Grading - City Park (P1 Village Green)	Grading	8/5/2025	8/5/2025	5	1
25	Grading - City Park (Private Park Central)	Grading	8/5/2025	8/5/2025	5	1
26	Landscaping - City Park (P1 Village Green)	Site Preparation	8/6/2025	8/31/2025	5	18
27	Landscaping - City Park (Private Park Central)	Building Construction	8/6/2025	9/2/2025	5	20
28	Architectural Coating - User Defined (Retail Commercial Mix)	Architectural Coating	9/1/2025	9/30/2025	5	22
29	Site Preparation - User Defined (Fire Station)	Site Preparation	11/1/2025	11/6/2025	5	4
30	Grading - User Defined (Fire Station)	Grading	11/7/2025	11/17/2025	5	7
31	Building Construction - User Defined (Fire Station)	Building Construction	11/18/2025	8/3/2026	5	185
32	Paving - User Defined (Retail Commercial Mix)	Paving	11/22/2025	11/30/2025	5	5
33	Architectural Coating - User Defined (Fire Station)	Architectural Coating	6/1/2026	7/31/2026	5	45
34	Landscaping - User Defined (Fire Station)	Site Preparation	7/1/2026	7/31/2026	5	23
35	Paving - User Defined (Fire Station)	Paving	7/25/2026	7/31/2026	5	5

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

Acres of Paving: 0**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 630; Non-Residential Outdoor: 210; Striped Parking Area: 292,963 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Landscaping - Elementary	Skid Steer Loaders	2	8.00	65	0.37
Paving - City Park (P2 Village Green)	Pavers	2	7.00	130	0.42
Paving - City Park (P2 Village Green)	Paving Equipment	2	7.00	80	0.38
Paving - City Park (P2 Village Green)	Rollers	2	7.00	97	0.37
Site Preparation - Elementary School	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Elementary School	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - Recreational Swimming Pool	Graders	0		187	0.41
Site Preparation - Recreational Swimming Pool	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Recreational Swimming Pool	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading- Recreational Swimming Pool	Excavators	2	8.00	158	0.38
Grading- Recreational Swimming Pool	Graders	1	8.00	187	0.41
Grading- Recreational Swimming Pool	Rubber Tired Dozers	1	8.00	247	0.40
Grading- Recreational Swimming Pool	Scrapers	2	8.00	367	0.48
Grading- Recreational Swimming Pool	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction- Recreational Swimming Pool	Cranes	1	7.00	231	0.29
Building Construction- Recreational Swimming Pool	Forklifts	3	8.00	89	0.20
Building Construction- Recreational Swimming Pool	Generator Sets	1	8.00	84	0.74
Building Construction- Recreational Swimming Pool	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction- Recreational Swimming Pool	Welders	1	8.00	46	0.45
Architectural Coating - Recreational Swimming Pool	Air Compressors	1	6.00	78	0.48

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Landscaping- Recreational Swimming Pool	Rubber Tired Dozers	0	0.00	247	0.40
Landscaping- Recreational Swimming Pool	Skid Steer Loaders	2	8.00	65	0.37
Landscaping- Recreational Swimming Pool	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Paving - City Park (P3 Scenic)	Pavers	2	8.00	130	0.42
Paving - City Park (P3 Scenic)	Paving Equipment	2	8.00	132	0.36
Paving - City Park (P3 Scenic)	Rollers	2	8.00	80	0.38
Site Preparation - City Park (P3 Scenic)	Graders	0		187	0.41
Site Preparation - City Park (P3 Scenic)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P3 Scenic)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - City Park (P3 Scenic)	Concrete/Industrial Saws	0		81	0.73
Grading - City Park (P3 Scenic)	Excavators	2	8.00	158	0.38
Grading - City Park (P3 Scenic)	Graders	1	8.00	187	0.41
Grading - City Park (P3 Scenic)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - City Park (P3 Scenic)	Scrapers	2	8.00	367	0.48
Grading - City Park (P3 Scenic)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - City Park (P3 Scenic)	Cranes	0	0.00	231	0.29
Building Construction - City Park (P3 Scenic)	Forklifts	1	8.00	89	0.20
Building Construction - City Park (P3 Scenic)	Generator Sets	0	0.00	84	0.74
Building Construction - City Park (P3 Scenic)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction - City Park (P3 Scenic)	Welders	1	8.00	46	0.45
Architectural Coating - City Park (P3 Scenic)	Air Compressors	1	6.00	78	0.48
Site Preparation - City Park (P4 Scenic)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P4 Scenic)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - City Park (P4 Scenic)	Excavators	2	8.00	158	0.38
Grading - City Park (P4 Scenic)	Graders	1	8.00	187	0.41

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Grading - City Park (P4 Scenic)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - City Park (P4 Scenic)	Scrapers	2	8.00	367	0.48
Grading - City Park (P4 Scenic)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Landscaping - City Park (P4 Scenic)	Cranes	0	0.00	231	0.29
Landscaping - City Park (P4 Scenic)	Forklifts	0	0.00	89	0.20
Landscaping - City Park (P4 Scenic)	Generator Sets	0	0.00	84	0.74
Landscaping - City Park (P4 Scenic)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - City Park (P4 Scenic)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Landscaping - City Park (P4 Scenic)	Welders	0	0.00	46	0.45
Paving -City Park (P2 Village Green)	Pavers	2	8.00	130	0.42
Paving -City Park (P2 Village Green)	Paving Equipment	2	8.00	132	0.36
Paving -City Park (P2 Village Green)	Rollers	2	8.00	80	0.38
Site Preparation - City Park (P2 Village Green)	Graders	0		187	0.41
Site Preparation - City Park (P2 Village Green)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P2 Village Green)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading -City Park (P2 Village Green)	Concrete/Industrial Saws	0		81	0.73
Grading -City Park (P2 Village Green)	Excavators	2	8.00	158	0.38
Grading -City Park (P2 Village Green)	Graders	1	8.00	187	0.41
Grading -City Park (P2 Village Green)	Rubber Tired Dozers	1	8.00	247	0.40
Grading -City Park (P2 Village Green)	Scrapers	2	8.00	367	0.48
Grading -City Park (P2 Village Green)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction -City Park (P2 Village Green)	Cranes	0	0.00	231	0.29
Building Construction -City Park (P2 Village Green)	Forklifts	1	8.00	89	0.20
Building Construction -City Park (P2 Village Green)	Generator Sets	1	8.00	84	0.74
Building Construction -City Park (P2 Village Green)	Tractors/Loaders/Backhoes	1	7.00	97	0.37

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Building Construction - City Park (P2 Village Green)	Welders	0	0.00	46	0.45
Site Preparation - User Defined (Retail Commercial Mix)	Graders	0		187	0.41
Site Preparation - User Defined (Retail Commercial Mix)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - User Defined (Retail Commercial Mix)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - User Defined (Retail Commercial Mix)	Excavators	2	8.00	158	0.38
Grading - User Defined (Retail Commercial Mix)	Graders	1	8.00	187	0.41
Grading - User Defined (Retail Commercial Mix)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - User Defined (Retail Commercial Mix)	Scrapers	2	8.00	367	0.48
Grading - User Defined (Retail Commercial Mix)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - User Defined (Retail Commercial Mix)	Cranes	1	7.00	231	0.29
Building Construction - User Defined (Retail Commercial Mix)	Forklifts	3	8.00	89	0.20
Building Construction - User Defined (Retail Commercial Mix)	Generator Sets	1	8.00	84	0.74
Building Construction - User Defined (Retail Commercial Mix)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - User Defined (Retail Commercial Mix)	Welders	1	8.00	46	0.45
Architectural Coating - City Park (P2 Village Green)	Air Compressors	1	6.00	78	0.48
Site Preparation - City Park (P1 Village Green)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P1 Village Green)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - City Park (Private Park Central)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (Private Park Central)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading- City Park (P1 Village Green)	Excavators	2	8.00	158	0.38
Grading- City Park (P1 Village Green)	Graders	1	8.00	187	0.41
Grading- City Park (P1 Village Green)	Rubber Tired Dozers	1	8.00	247	0.40
Grading- City Park (P1 Village Green)	Scrapers	2	8.00	367	0.48

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Grading- City Park (P1 Village Green)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - City Park (Private Park Central)	Excavators	2	8.00	158	0.38
Grading - City Park (Private Park Central)	Graders	1	8.00	187	0.41
Grading - City Park (Private Park Central)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - City Park (Private Park Central)	Scrapers	2	8.00	367	0.48
Grading - City Park (Private Park Central)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Landscaping - City Park (P1 Village Green)	Rubber Tired Dozers	0	0.00	247	0.40
Landscaping - City Park (P1 Village Green)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - City Park (P1 Village Green)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Landscaping - City Park (Private Park Central)	Cranes	0	0.00	231	0.29
Landscaping - City Park (Private Park Central)	Forklifts	0	0.00	89	0.20
Landscaping - City Park (Private Park Central)	Generator Sets	0	0.00	84	0.74
Landscaping - City Park (Private Park Central)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - City Park (Private Park Central)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Landscaping - City Park (Private Park Central)	Welders	0	0.00	46	0.45
Architectural Coating - User Defined (Retail Commercial Mix)	Air Compressors	1	6.00	78	0.48
Site Preparation - User Defined (Fire Station)	Graders	0		187	0.41
Site Preparation - User Defined (Fire Station)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - User Defined (Fire Station)	Scrapers	0		367	0.48
Site Preparation - User Defined (Fire Station)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - User Defined (Fire Station)	Excavators	2	8.00	158	0.38
Grading - User Defined (Fire Station)	Graders	1	8.00	187	0.41
Grading - User Defined (Fire Station)	Rubber Tired Dozers	1	8.00	247	0.40

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

Grading - User Defined (Fire Station)	Scrapers	2	8.00	367	0.48
Grading - User Defined (Fire Station)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - User Defined (Fire Station)	Cranes	1	7.00	231	0.29
Building Construction - User Defined (Fire Station)	Forklifts	3	8.00	89	0.20
Building Construction - User Defined (Fire Station)	Generator Sets	1	8.00	84	0.74
Building Construction - User Defined (Fire Station)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - User Defined (Fire Station)	Welders	1	8.00	46	0.45
Paving - User Defined (Retail Commercial Mix)	Pavers	2	8.00	130	0.42
Paving - User Defined (Retail Commercial Mix)	Paving Equipment	2	8.00	132	0.36
Paving - User Defined (Retail Commercial Mix)	Rollers	2	8.00	80	0.38
Architectural Coating - User Defined (Fire Station)	Air Compressors	1	6.00	78	0.48
Landscaping - User Defined (Fire Station)	Rubber Tired Dozers	0	0.00	247	0.40
Landscaping - User Defined (Fire Station)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - User Defined (Fire Station)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Paving - User Defined (Fire Station)	Pavers	2	8.00	130	0.42
Paving - User Defined (Fire Station)	Paving Equipment	2	8.00	132	0.36
Paving - User Defined (Fire Station)	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation - Recreational Swimm	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading- Recreational Swimming Pool	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction- Recreational Swimm	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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Architectural Coating - Recreational Swimming	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping- Recreational Swimming	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - City Park (P3 Scenario)	6	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P3 Scenario)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P3 Scenario)	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - City Park (P3 Scenario)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - City Park (P3 Scenario)	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P4 Scenario)	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P4 Scenario)	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - City Park (P4 Scenario)	11	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - City Park (P2 Village Green)	6	6.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P2 Village Green)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P2 Village Green)	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - City Park (P2 Village Green)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - User Defined (Detail Comm)	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - User Defined (Detail Comm)	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - User Defined (Detail Comm)	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - City Park (P2 Village Green)	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P1 Village Green)	7	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (Private Park Central)	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P1 Village Green)	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (Private Park Central)	8	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - City Park (P1 Village Green)	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - City Park (Private Park Central)	11	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - User Defined (Detail Comm)	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - User Defined (Fire Station)	6	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - User Defined (Fire Station)	8	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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Building Construction - User Defined (Fire Station)	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - User Defined (Detail Commercial Mid)	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - User Defined (Fire Station)	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - User Defined (Fire Station)	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - User Defined (Fire Station)	6	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	6.0221	1.2660	7.2881	3.3102	1.1647	4.4750		3,687.3081	3,687.3081	1.1926		3,717.1219

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3.2 Site Preparation - Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	2.1900	6.0000e-004	2.1906	0.2289	5.6000e-004	0.2295		137.9636	137.9636	8.5300e-003		138.1768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	0.6967	12.1620	22.9600	0.0381	2.3486	0.0621	2.4107	1.2910	0.0621	1.3531	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

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3.2 Site Preparation - Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	0.9723	6.0000e-004	0.9729	0.1073	5.6000e-004	0.1079		137.9636	137.9636	8.5300e-003		138.1768

3.3 Grading- Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	6.5523	1.4245	7.9768	3.3675	1.3105	4.6780		6,011.4777	6,011.4777	1.9442		6,060.0836

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3.3 Grading- Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	2.1900	6.0000e-004	2.1906	0.2289	5.6000e-004	0.2295		137.9636	137.9636	8.5300e-003		138.1768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.3 Grading- Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	0.9723	6.0000e-004	0.9729	0.1073	5.6000e-004	0.1079		137.9636	137.9636	8.5300e-003		138.1768

3.4 Building Construction- Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.4 Building Construction- Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		70.8396	70.8396	1.8400e-003		70.8856
Total	0.0445	0.3227	0.3133	1.7300e-003	4.1457	9.2000e-004	4.1466	0.4321	8.6000e-004	0.4330		180.4674	180.4674	9.6300e-003		180.7081

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.4 Building Construction- Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0353	0.0210	0.2144	7.1000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		70.8396	70.8396	1.8400e-003		70.8856
Total	0.0445	0.3227	0.3133	1.7300e-003	1.8381	9.2000e-004	1.8390	0.2016	8.6000e-004	0.2025		180.4674	180.4674	9.6300e-003		180.7081

3.5 Architectural Coating - Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.6353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	31.8269	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.5 Architectural Coating - Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	0.0162	0.3059	0.1417	1.1600e-003	1.5381	4.9000e-004	1.5386	0.1612	4.6000e-004	0.1617		123.7957	123.7957	8.1600e-003		123.9997

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.6353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
Total	31.6898	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.5 Architectural Coating - Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	0.0162	0.3059	0.1417	1.1600e-003	0.6837	4.9000e-004	0.6841	0.0759	4.6000e-004	0.0763		123.7957	123.7957	8.1600e-003		123.9997

3.6 Landscaping- Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	0.1302	1.7294	2.7708	4.1400e-003	18.0663	0.0585	18.1248	9.9307	0.0538	9.9845		400.9725	400.9725	0.1297		404.2145

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.6 Landscaping- Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	2.1900	6.0000e-004	2.1906	0.2289	5.6000e-004	0.2295		137.9636	137.9636	8.5300e-003		138.1768

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9725	400.9725	0.1297		404.2145
Total	0.1018	2.3245	3.1389	4.1400e-003	7.0458	0.0950	7.1409	3.8730	0.0950	3.9680	0.0000	400.9725	400.9725	0.1297		404.2145

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.6 Landscaping- Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	0.9723	6.0000e-004	0.9729	0.1073	5.6000e-004	0.1079		137.9636	137.9636	8.5300e-003		138.1768

3.7 Paving - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.7 Paving - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0336	0.0193	0.2002	6.8000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0557	0.7630	0.4394	3.2000e-003	5.4749	1.4500e-003	5.4764	0.5723	1.3600e-003	0.5737		340.4081	340.4081	0.0209		340.9310

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.7 Paving - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	0.9876	9.2000e-004	0.9885	0.1110	8.7000e-004	0.1119		272.3569	272.3569	0.0192		272.8376
Worker	0.0336	0.0193	0.2002	6.8000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0557	0.7630	0.4394	3.2000e-003	2.4307	1.4500e-003	2.4321	0.2682	1.3600e-003	0.2696		340.4081	340.4081	0.0209		340.9310

3.8 Site Preparation - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	2.6609	27.1760	18.3356	0.0381	18.0663	1.2294	19.2956	9.9307	1.1310	11.0617		3,688.0100	3,688.0100	1.1928		3,717.8294

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.8 Site Preparation - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	2.1900	5.8000e-004	2.1906	0.2289	5.5000e-004	0.2295		136.1632	136.1632	8.3700e-003		136.3724

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.8 Site Preparation - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	0.9723	5.8000e-004	0.9729	0.1073	5.5000e-004	0.1078		136.1632	136.1632	8.3700e-003		136.3724

3.9 Grading - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	6.0221	1.3354	7.3575	3.3102	1.2286	4.5388		6,009.7487	6,009.7487	1.9437		6,058.3405

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.9 Grading - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	2.8419	6.9000e-004	2.8426	0.2967	6.5000e-004	0.2973		149.7735	149.7735	8.7000e-003		149.9911

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	1.0110	19.2707	36.7226	0.0621	2.3486	0.1015	2.4502	1.2910	0.1015	1.3925	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.9 Grading - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	1.2609	6.9000e-004	1.2616	0.1387	6.5000e-004	0.1394		149.7735	149.7735	8.7000e-003		149.9911

3.10 Building Construction - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4560	3.5315	4.7592	6.8100e-003		0.1566	0.1566		0.1479	0.1479		619.5545	619.5545	0.1545		623.4157
Total	0.4560	3.5315	4.7592	6.8100e-003		0.1566	0.1566		0.1479	0.1479		619.5545	619.5545	0.1545		623.4157

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.10 Building Construction - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	2.1900	5.8000e-004	2.1906	0.2289	5.5000e-004	0.2295		136.1632	136.1632	8.3700e-003		136.3724

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1393	3.5182	4.7077	6.8100e-003		0.0537	0.0537		0.0537	0.0537	0.0000	619.5545	619.5545	0.1545		623.4157
Total	0.1393	3.5182	4.7077	6.8100e-003		0.0537	0.0537		0.0537	0.0537	0.0000	619.5545	619.5545	0.1545		623.4157

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.10 Building Construction - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	0.9723	5.8000e-004	0.9729	0.1073	5.5000e-004	0.1078		136.1632	136.1632	8.3700e-003		136.3724

3.11 Architectural Coating - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.4578					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	16.6385	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.11 Architectural Coating - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	1.5381	4.8000e-004	1.5385	0.1612	4.5000e-004	0.1616		122.5530	122.5530	8.0300e-003		122.7537

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.4578					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	16.5122	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.11 Architectural Coating - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	0.6837	4.8000e-004	0.6841	0.0759	4.5000e-004	0.0763		122.5530	122.5530	8.0300e-003		122.7537

3.12 Site Preparation - City Park (P4 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	2.6609	27.1760	18.3356	0.0381	18.0663	1.2294	19.2956	9.9307	1.1310	11.0617		3,688.0100	3,688.0100	1.1928		3,717.8294

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.12 Site Preparation - City Park (P4 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0425	0.3167	0.2959	1.6900e-003	4.1457	9.0000e-004	4.1466	0.4321	8.4000e-004	0.4330		176.9939	176.9939	9.3800e-003		177.2284

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.12 Site Preparation - City Park (P4 Scenic) - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0336	0.0193	0.2002	6.8000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		68.0512	68.0512	1.6900e-003		68.0934
Total	0.0425	0.3167	0.2959	1.6900e-003	1.8381	9.0000e-004	1.8390	0.2016	8.4000e-004	0.2025		176.9939	176.9939	9.3800e-003		177.2284

3.13 Grading - City Park (P4 Scenic) - 2024

Unmitigated Construction On-Site

[illegible]

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.13 Grading - City Park (P4 Scenic) - 2024

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.13 Grading - City Park (P4 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.14 Landscaping - City Park (P4 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1246	1.6529	2.7690	4.1500e-003		0.0531	0.0531		0.0489	0.0489		401.1345	401.1345	0.1297		404.3779
Total	0.1246	1.6529	2.7690	4.1500e-003		0.0531	0.0531		0.0489	0.0489		401.1345	401.1345	0.1297		404.3779

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.14 Landscaping - City Park (P4 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	2.1900	5.8000e-004	2.1906	0.2289	5.5000e-004	0.2295		136.1632	136.1632	8.3700e-003		136.3724

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1018	2.3245	3.1389	4.1500e-003		0.0950	0.0950		0.0950	0.0950	0.0000	401.1345	401.1345	0.1297		404.3779
Total	0.1018	2.3245	3.1389	4.1500e-003		0.0950	0.0950		0.0950	0.0950	0.0000	401.1345	401.1345	0.1297		404.3779

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.14 Landscaping - City Park (P4 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	0.9723	5.8000e-004	0.9729	0.1073	5.5000e-004	0.1078		136.1632	136.1632	8.3700e-003		136.3724

3.15 Paving -City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.15 Paving -City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0193	0.0107	0.1121	3.9000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		39.1803	39.1803	9.3000e-004		39.2037
Total	0.0407	0.7436	0.3464	2.8900e-003	4.1711	1.2100e-003	4.1723	0.4369	1.1400e-003	0.4380		309.9070	309.9070	0.0199		310.4055

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.15 Paving -City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0193	0.0107	0.1121	3.9000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		39.1803	39.1803	9.3000e-004		39.2037
Total	0.0407	0.7436	0.3464	2.8900e-003	1.8534	1.2100e-003	1.8546	0.2053	1.1400e-003	0.2065		309.9070	309.9070	0.0199		310.4055

3.16 Site Preparation - City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.16 Site Preparation - City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		134.4109	134.4109	8.2200e-003		134.6165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.16 Site Preparation - City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		134.4109	134.4109	8.2200e-003		134.6165

3.17 Grading -City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.0221	1.1309	7.1530	3.3102	1.0404	4.3507		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.17 Grading -City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0193	0.0107	0.1121	3.9000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		39.1803	39.1803	9.3000e-004		39.2037
Total	0.0279	0.3038	0.2058	1.3900e-003	2.8419	6.7000e-004	2.8426	0.2967	6.3000e-004	0.2973		147.4710	147.4710	8.5300e-003		147.6844

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.3486	0.1015	2.4502	1.2910	0.1015	1.3925	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.17 Grading -City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0193	0.0107	0.1121	3.9000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		39.1803	39.1803	9.3000e-004		39.2037
Total	0.0279	0.3038	0.2058	1.3900e-003	1.2609	6.7000e-004	1.2616	0.1387	6.3000e-004	0.1394		147.4710	147.4710	8.5300e-003		147.6844

3.18 Building Construction -City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4689	4.3822	6.7442	0.0108		0.1865	0.1865		0.1792	0.1792		1,035.3643	1,035.3643	0.1564		1,039.2737
Total	0.4689	4.3822	6.7442	0.0108		0.1865	0.1865		0.1792	0.1792		1,035.3643	1,035.3643	0.1564		1,039.2737

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.18 Building Construction -City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		134.4109	134.4109	8.2200e-003		134.6165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2161	4.2032	7.2673	0.0108		0.0157	0.0157		0.0157	0.0157	0.0000	1,035.3643	1,035.3643	0.1564		1,039.2737
Total	0.2161	4.2032	7.2673	0.0108		0.0157	0.0157		0.0157	0.0157	0.0000	1,035.3643	1,035.3643	0.1564		1,039.2737

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.18 Building Construction -City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		134.4109	134.4109	8.2200e-003		134.6165

3.19 Site Preparation - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	6.0221	1.0868	7.1089	3.3102	0.9999	4.3101		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.19 Site Preparation - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		134.4109	134.4109	8.2200e-003		134.6165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	2.3486	0.0621	2.4107	1.2910	0.0621	1.3531	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.19 Site Preparation - User Defined (Retail Commercial Mix) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		134.4109	134.4109	8.2200e-003		134.6165

3.20 Grading - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.5523	1.1309	7.6832	3.3675	1.0404	4.4079		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.20 Grading - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		134.4109	134.4109	8.2200e-003		134.6165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.20 Grading - User Defined (Retail Commercial Mix) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		134.4109	134.4109	8.2200e-003		134.6165

3.21 Building Construction - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

**3.21 Building Construction - User Defined (Retail Commercial Mix)
- 2025****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

**3.21 Building Construction - User Defined (Retail Commercial Mix)
- 2025****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.22 Architectural Coating -City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1442					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	8.3151	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.22 Architectural Coating -City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	1.5381	4.6000e-004	1.5385	0.1612	4.4000e-004	0.1616		121.3508	121.3508	7.9100e-003		121.5486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1442					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	8.1987	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.22 Architectural Coating -City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	0.6837	4.6000e-004	0.6841	0.0759	4.4000e-004	0.0763		121.3508	121.3508	7.9100e-003		121.5486

3.23 Site Preparation - City Park (P1 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.23 Site Preparation - City Park (P1 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0343	0.3074	0.2432	1.5200e-003	3.4938	7.7000e-004	3.4946	0.3644	7.3000e-004	0.3651		160.5311	160.5311	8.8500e-003		160.7523

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.23 Site Preparation - City Park (P1 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0343	0.3074	0.2432	1.5200e-003	1.5495	7.7000e-004	1.5503	0.1702	7.3000e-004	0.1709		160.5311	160.5311	8.8500e-003		160.7523

3.24 Site Preparation - City Park (Private Park Central) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.24 Site Preparation - City Park (Private Park Central) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.24 Site Preparation - City Park (Private Park Central) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.25 Grading- City Park (P1 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.5523	1.1309	7.6832	3.3675	1.0404	4.4079		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.25 Grading- City Park (P1 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.25 Grading- City Park (P1 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.26 Grading - City Park (Private Park Central) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.5523	1.1309	7.6832	3.3675	1.0404	4.4079		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.26 Grading - City Park (Private Park Central) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0343	0.3074	0.2432	1.5200e-003	3.4938	7.7000e-004	3.4946	0.3644	7.3000e-004	0.3651		160.5311	160.5311	8.8500e-003		160.7523

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.26 Grading - City Park (Private Park Central) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0343	0.3074	0.2432	1.5200e-003	1.5495	7.7000e-004	1.5503	0.1702	7.3000e-004	0.1709		160.5311	160.5311	8.8500e-003		160.7523

3.27 Landscaping - City Park (P1 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	0.1186	1.5842	2.7584	4.1400e-003	18.0663	0.0481	18.1143	9.9307	0.0442	9.9749		400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.27 Landscaping - City Park (P1 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		134.4109	134.4109	8.2200e-003		134.6165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9499	400.9499	0.1297		404.1918
Total	0.1018	2.3245	3.1389	4.1400e-003	7.0458	0.0950	7.1409	3.8730	0.0950	3.9680	0.0000	400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.27 Landscaping - City Park (P1 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		134.4109	134.4109	8.2200e-003		134.6165

3.28 Landscaping - City Park (Private Park Central) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.28 Landscaping - City Park (Private Park Central) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		134.4109	134.4109	8.2200e-003		134.6165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9499	400.9499	0.1297		404.1918
Total	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.28 Landscaping - City Park (Private Park Central) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		134.4109	134.4109	8.2200e-003		134.6165

3.29 Architectural Coating - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.0747					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	15.2456	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

**3.29 Architectural Coating - User Defined (Retail Commercial Mix)
- 2025****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	1.5381	4.6000e-004	1.5385	0.1612	4.4000e-004	0.1616		121.3508	121.3508	7.9100e-003		121.5486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.0747					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	15.1292	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

**3.29 Architectural Coating - User Defined (Retail Commercial Mix)
- 2025****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	0.6837	4.6000e-004	0.6841	0.0759	4.4000e-004	0.0763		121.3508	121.3508	7.9100e-003		121.5486

3.30 Site Preparation - User Defined (Fire Station) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.30 Site Preparation - User Defined (Fire Station) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		134.4109	134.4109	8.2200e-003		134.6165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.30 Site Preparation - User Defined (Fire Station) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0214	0.3003	0.1685	1.2600e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		134.4109	134.4109	8.2200e-003		134.6165

3.31 Grading - User Defined (Fire Station) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.5523	1.1309	7.6832	3.3675	1.0404	4.4079		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.31 Grading - User Defined (Fire Station) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0193	0.0107	0.1121	3.9000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		39.1803	39.1803	9.3000e-004		39.2037
Total	0.0279	0.3038	0.2058	1.3900e-003	2.8419	6.7000e-004	2.8426	0.2967	6.3000e-004	0.2973		147.4710	147.4710	8.5300e-003		147.6844

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.31 Grading - User Defined (Fire Station) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0193	0.0107	0.1121	3.9000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		39.1803	39.1803	9.3000e-004		39.2037
Total	0.0279	0.3038	0.2058	1.3900e-003	1.2609	6.7000e-004	1.2616	0.1387	6.3000e-004	0.1394		147.4710	147.4710	8.5300e-003		147.6844

3.32 Building Construction - User Defined (Fire Station) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.32 Building Construction - User Defined (Fire Station) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		173.5912	173.5912	9.1600e-003		173.8202

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.32 Building Construction - User Defined (Fire Station) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	0.0322	0.0178	0.1868	6.5000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		65.3006	65.3006	1.5600e-003		65.3395
Total	0.0407	0.3109	0.2805	1.6500e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		173.5912	173.5912	9.1600e-003		173.8202

3.32 Building Construction - User Defined (Fire Station) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.32 Building Construction - User Defined (Fire Station) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0309	0.0165	0.1755	6.3000e-004	3.2596	5.1000e-004	3.2601	0.3387	4.7000e-004	0.3391		62.9092	62.9092	1.4500e-003		62.9454
Total	0.0392	0.3055	0.2679	1.6200e-003	4.1457	8.5000e-004	4.1465	0.4321	8.0000e-004	0.4329		170.5906	170.5906	8.9700e-003		170.8147

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.32 Building Construction - User Defined (Fire Station) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0309	0.0165	0.1755	6.3000e-004	1.4431	5.1000e-004	1.4436	0.1572	4.7000e-004	0.1577		62.9092	62.9092	1.4500e-003		62.9454
Total	0.0392	0.3055	0.2679	1.6200e-003	1.8381	8.5000e-004	1.8390	0.2016	8.0000e-004	0.2024		170.5906	170.5906	8.9700e-003		170.8147

3.33 Paving - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.33 Paving - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	4.8230	1.3100e-003	4.8243	0.5046	1.2400e-003	0.5058		322.9671	322.9671	0.0203		323.4734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.33 Paving - User Defined (Retail Commercial Mix) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0472	0.7471	0.3838	3.0200e-003	2.1421	1.3100e-003	2.1434	0.2368	1.2400e-003	0.2380		322.9671	322.9671	0.0203		323.4734

3.34 Architectural Coating - User Defined (Fire Station) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.4741					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	5.6450	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.34 Architectural Coating - User Defined (Fire Station) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	1.5381	4.4000e-004	1.5385	0.1612	4.2000e-004	0.1616		120.2632	120.2632	7.8100e-003		120.4584

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.4741					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	5.5286	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.34 Architectural Coating - User Defined (Fire Station) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	0.6837	4.4000e-004	0.6841	0.0759	4.2000e-004	0.0763		120.2632	120.2632	7.8100e-003		120.4584

3.35 Landscaping - User Defined (Fire Station) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	0.1186	1.5842	2.7584	4.1400e-003	18.0663	0.0481	18.1143	9.9307	0.0442	9.9749		400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.35 Landscaping - User Defined (Fire Station) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0207	0.2956	0.1626	1.2400e-003	2.1900	5.4000e-004	2.1905	0.2289	5.2000e-004	0.2294		132.8451	132.8451	8.1000e-003		133.0475

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9499	400.9499	0.1297		404.1918
Total	0.1018	2.3245	3.1389	4.1400e-003	7.0458	0.0950	7.1409	3.8730	0.0950	3.9680	0.0000	400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.35 Landscaping - User Defined (Fire Station) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0207	0.2956	0.1626	1.2400e-003	0.9723	5.4000e-004	0.9728	0.1073	5.2000e-004	0.1078		132.8451	132.8451	8.1000e-003		133.0475

3.36 Paving - User Defined (Fire Station) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.36 Paving - User Defined (Fire Station) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	2.2154	8.6000e-004	2.2162	0.2337	8.2000e-004	0.2345		269.2035	269.2035	0.0188		269.6733
Worker	0.0309	0.0165	0.1755	6.3000e-004	3.2596	5.1000e-004	3.2601	0.3387	4.7000e-004	0.3391		62.9092	62.9092	1.4500e-003		62.9454
Total	0.0518	0.7390	0.4064	3.1100e-003	5.4749	1.3700e-003	5.4763	0.5723	1.2900e-003	0.5736		332.1126	332.1126	0.0202		332.6187

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

3.36 Paving - User Defined (Fire Station) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	0.9876	8.6000e-004	0.9884	0.1110	8.2000e-004	0.1118		269.2035	269.2035	0.0188		269.6733
Worker	0.0309	0.0165	0.1755	6.3000e-004	1.4431	5.1000e-004	1.4436	0.1572	4.7000e-004	0.1577		62.9092	62.9092	1.4500e-003		62.9454
Total	0.0518	0.7390	0.4064	3.1100e-003	2.4307	1.3700e-003	2.4320	0.2682	1.2900e-003	0.2695		332.1126	332.1126	0.0202		332.6187

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.2199	9.1042	22.6729	0.0590	4.6602	0.0746	4.7349	1.2455	0.0704	1.3158		5,979.0198	5,979.0198	0.3831		5,988.5983
Unmitigated	2.2199	9.1042	22.6729	0.0590	4.6602	0.0746	4.7349	1.2455	0.0704	1.3158		5,979.0198	5,979.0198	0.3831		5,988.5983

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	76.00	76.00	76.00	162,249	162,249
Industrial Park	15.98	15.98	15.98	41,897	41,897
Recreational Swimming Pool	36.00	36.00	36.00	65,062	65,062
Regional Shopping Center	1,100.00	1,100.00	1,100.00	1,928,635	1,928,635
Total	1,227.98	1,227.98	1,227.98	2,197,843	2,197,843

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Industrial Park	9.50	7.30	7.30	59.00	28.00	13.00	79	19	2
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Recreational Swimming Pool	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Regional Shopping Center	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	6.2400e-003	0.0567	0.0477	3.4000e-004		4.3100e-003	4.3100e-003		4.3100e-003	4.3100e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4770
NaturalGas Unmitigated	6.2400e-003	0.0567	0.0477	3.4000e-004		4.3100e-003	4.3100e-003		4.3100e-003	4.3100e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4770

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	472.041	5.0900e-003	0.0463	0.0389	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.5343	55.5343	1.0600e-003	1.0200e-003	55.8643
Recreational Swimming Pool	45.2055	4.9000e-004	4.4300e-003	3.7200e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3183	5.3183	1.0000e-004	1.0000e-004	5.3499
Regional Shopping Center	61.3699	6.6000e-004	6.0200e-003	5.0500e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		7.2200	7.2200	1.4000e-004	1.3000e-004	7.2629
Total		6.2400e-003	0.0567	0.0476	3.5000e-004		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4771

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	0.472041	5.0900e-003	0.0463	0.0389	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.5343	55.5343	1.0600e-003	1.0200e-003	55.8643
Recreational Swimming Pool	0.0452055	4.9000e-004	4.4300e-003	3.7200e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3183	5.3183	1.0000e-004	1.0000e-004	5.3499
Regional Shopping Center	0.0613699	6.6000e-004	6.0200e-003	5.0500e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		7.2200	7.2200	1.4000e-004	1.3000e-004	7.2629
Total		6.2400e-003	0.0567	0.0476	3.5000e-004		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4771

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4668	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Unmitigated	0.4256	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0294					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3959					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.3000e-004	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Total	0.4256	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0705					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3959					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.3000e-004	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Total	0.4668	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Proctor Valley EIR - Central Village Non-Residential

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	8.50	1000sqft	2.10	8,500.00	0
City Park	15.20	Acre	15.20	840.00	0
Recreational Swimming Pool	1.50	1000sqft	1.20	1,500.00	0
Regional Shopping Center	10.00	1000sqft	1.50	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	441.1	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

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Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment -

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating - Refer to CalEEMod Input Matrix Table 11

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Water Mitigation -

Waste Mitigation -

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	4,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	210.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	9,250.00	5,000.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	630.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	12,750.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	630.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	2,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	27,750.00	15,000.00
tblArchitecturalCoating	ConstArea_Parking	0.00	159,259.00

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

tblArchitecturalCoating	ConstArea_Parking	0.00	66,688.00
tblArchitecturalCoating	ConstArea_Parking	0.00	292,963.00
tblArchitecturalCoating	ConstArea_Parking	0.00	51,272.00
tblArchitecturalCoating	ConstArea_Parking	0.00	59,052.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaMitigation	UseLowVOCPaintNonresidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintNonresidentialInteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblEnergyUse	LightingElect	0.00	2.91
tblEnergyUse	NT24E	0.00	4.27

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

tblEnergyUse	NT24NG	0.00	7.00
tblEnergyUse	T24E	0.00	1.27
tblEnergyUse	T24NG	0.00	4.00
tblGrading	AcresOfGrading	5.00	0.00
tblGrading	AcresOfGrading	12.50	2.50
tblGrading	AcresOfGrading	7.50	1.50
tblGrading	AcresOfGrading	2.50	0.50
tblGrading	AcresOfGrading	2.50	0.50
tblGrading	AcresOfGrading	17.50	3.50
tblGrading	AcresOfGrading	7.50	0.00
tblGrading	AcresOfGrading	0.50	0.00
tblGrading	AcresOfGrading	1.00	0.00
tblGrading	AcresOfGrading	1.00	0.00
tblGrading	AcresOfGrading	6.00	0.00
tblGrading	AcresOfGrading	1.00	0.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,500.00
tblLandUse	GreenSpaceSquareFeet	662,112.00	840.00
tblLandUse	LandUseSquareFeet	662,112.00	840.00
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tblLandUse	LotAcreage	0.03	1.20
tblLandUse	LotAcreage	0.23	1.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	PhaseName		Site Preparation - Recreational Swimming Pool
tblOffRoadEquipment	PhaseName		Landscaping- Recreational Swimming Pool
tblOffRoadEquipment	PhaseName		Site Preparation - City Park (P3 Scenic)

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

tblOffRoadEquipment	PhaseName		Grading - City Park (P3 Scenic)
tblOffRoadEquipment	PhaseName		Landscaping - City Park (P4 Scenic)
tblOffRoadEquipment	PhaseName		Site Preparation - City Park (P2 Village Green)
tblOffRoadEquipment	PhaseName		Grading -City Park (P2 Village Green)
tblOffRoadEquipment	PhaseName		Site Preparation - User Defined (Retail Commercial Mix)
tblOffRoadEquipment	PhaseName		Landscaping - City Park (P1 Village Green)
tblOffRoadEquipment	PhaseName		Landscaping - City Park (Private Park Central)
tblOffRoadEquipment	PhaseName		Site Preparation - User Defined (Fire Station)
tblOffRoadEquipment	PhaseName		Site Preparation - User Defined (Fire Station)
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tblOffRoadEquipment	UsageHours	8.00	0.00
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[illegible]

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

[illegible]

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

tblOnRoadDust	WorkerPercentPave	100.00	98.00
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Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

tblTripsAndVMT	VendorTripNumber	3.00	4.00
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tblTripsAndVMT	WorkerTripNumber	20.00	6.00
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Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

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tblVehicleTrips	ST_TR	49.97	110.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	0.73	1.88
tblVehicleTrips	SU_TR	13.60	24.00
tblVehicleTrips	SU_TR	25.24	110.00
tblVehicleTrips	WD_TR	1.89	5.00
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tblVehicleTrips	WD_TR	33.82	24.00
tblVehicleTrips	WD_TR	42.70	110.00

2.0 Emissions Summary

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	33.6054	34.8261	28.2329	0.0634	25.9400	1.4251	26.7710	10.7529	1.3111	11.5378	0.0000	6,154.187 2	6,154.187 2	1.9524	0.0000	6,202.997 3
2024	19.8276	32.8502	27.9386	0.0635	25.9400	1.4488	27.3888	10.7529	1.3416	12.0945	0.0000	6,165.042 0	6,165.042 0	1.9521	0.0000	6,213.843 3
2025	16.8008	75.4094	78.4082	0.1724	51.6457	3.0309	54.5884	21.4801	2.8111	24.2101	0.0000	16,681.89 95	16,681.89 95	4.7009	0.0000	16,799.42 13
2026	8.1596	25.4160	36.1835	0.0642	31.4149	1.0488	32.4637	11.3252	0.9800	12.3052	0.0000	6,227.419 4	6,227.419 4	1.5031	0.0000	6,264.996 7
Maximum	33.6054	75.4094	78.4082	0.1724	51.6457	3.0309	54.5884	21.4801	2.8111	24.2101	0.0000	16,681.89 95	16,681.89 95	4.7009	0.0000	16,799.42 13

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	32.4006	19.5812	36.9043	0.0634	10.5399	0.1855	10.7254	4.2577	0.1854	4.4431	0.0000	6,154.187 2	6,154.187 2	1.9524	0.0000	6,202.997 3
2024	17.4204	19.5798	36.9384	0.0635	10.5399	0.1542	10.6615	4.2577	0.1541	4.3792	0.0000	6,165.042 0	6,165.042 0	1.9521	0.0000	6,213.843 3
2025	15.8337	56.2429	101.5266	0.1724	20.9733	0.3108	21.2052	8.5025	0.3106	8.7342	0.0000	16,681.89 94	16,681.89 94	4.7009	0.0000	16,799.42 13
2026	6.6114	25.9709	41.0940	0.0642	12.9705	0.2241	13.1946	4.5259	0.2239	4.7498	0.0000	6,227.419 4	6,227.419 4	1.5031	0.0000	6,264.996 7
Maximum	32.4006	56.2429	101.5266	0.1724	20.9733	0.3108	21.2052	8.5025	0.3106	8.7342	0.0000	16,681.89 94	16,681.89 94	4.7009	0.0000	16,799.42 13

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	7.82	27.97	-26.76	0.00	59.22	87.42	60.49	60.33	86.44	62.91	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4256	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Energy	6.2400e-003	0.0567	0.0477	3.4000e-004		4.3100e-003	4.3100e-003		4.3100e-003	4.3100e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4770
Mobile	2.2703	8.9031	22.2737	0.0623	4.6602	0.0736	4.7339	1.2455	0.0694	1.3148		6,314.4506	6,314.4506	0.3759		6,323.8472
Total	2.7021	8.9599	22.3249	0.0627	4.6602	0.0779	4.7382	1.2455	0.0737	1.3192		6,382.5308	6,382.5308	0.3772	1.2500e-003	6,392.3325

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.4668	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Energy	6.2400e-003	0.0567	0.0477	3.4000e-004		4.3100e-003	4.3100e-003		4.3100e-003	4.3100e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4770
Mobile	2.2703	8.9031	22.2737	0.0623	4.6602	0.0736	4.7339	1.2455	0.0694	1.3148		6,314.4506	6,314.4506	0.3759		6,323.8472
Total	2.7433	8.9599	22.3249	0.0627	4.6602	0.0779	4.7382	1.2455	0.0737	1.3192		6,382.5308	6,382.5308	0.3772	1.2500e-003	6,392.3325

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	-1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - Recreational Swimming Pool	Site Preparation	4/1/2023	4/3/2023	5	1	
2	Grading- Recreational Swimming Pool	Grading	4/4/2023	4/6/2023	5	3	
3	Building Construction- Recreational Swimming Pool	Building Construction	4/7/2023	7/31/2023	5	82	
4	Architectural Coating - Recreational Swimming Pool	Architectural Coating	6/1/2023	7/31/2023	5	43	
5	Landscaping- Recreational Swimming Pool	Site Preparation	7/1/2023	7/31/2023	5	21	
6	Paving - City Park (P3 Scenic)	Paving	4/24/2024	4/30/2024	5	5	
7	Site Preparation - City Park (P3 Scenic)	Site Preparation	5/1/2024	5/2/2024	5	2	
8	Grading - City Park (P3 Scenic)	Grading	5/3/2024	5/7/2024	5	3	
9	Building Construction - City Park (P3 Scenic)	Building Construction	5/8/2024	9/2/2024	5	84	
10	Architectural Coating - City Park (P3 Scenic)	Architectural Coating	7/1/2024	8/31/2024	5	45	
11	Site Preparation - City Park (P4 Scenic)	Site Preparation	8/1/2024	8/2/2024	5	2	
12	Grading - City Park (P4 Scenic)	Grading	8/3/2024	8/3/2024	5	0	
13	Landscaping - City Park (P4 Scenic)	Building Construction	8/4/2024	8/30/2024	5	20	
14	Paving -City Park (P2 Village Green)	Paving	4/24/2025	4/30/2025	5	5	
15	Site Preparation - City Park (P2 Village Green)	Site Preparation	5/1/2025	5/2/2025	5	2	
16	Grading -City Park (P2 Village Green)	Grading	5/3/2025	5/6/2025	5	2	

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

17	Building Construction - City Park (P2 Village Green)	Building Construction	5/7/2025	8/29/2025	5	83
18	Site Preparation - User Defined (Retail Commercial Mix)	Site Preparation	6/1/2025	6/3/2025	5	2
19	Grading - User Defined (Retail Commercial Mix)	Grading	6/4/2025	6/10/2025	5	5
20	Building Construction - User Defined (Retail Commercial Mix)	Building Construction	6/11/2025	12/1/2025	5	124
21	Architectural Coating - City Park (P2 Village Green)	Architectural Coating	7/1/2025	8/31/2025	5	44
22	Site Preparation - City Park (P1 Village Green)	Site Preparation	8/1/2025	8/4/2025	5	2
23	Site Preparation - City Park (Private Park Central)	Site Preparation	8/1/2025	8/4/2025	5	2
24	Grading - City Park (P1 Village Green)	Grading	8/5/2025	8/5/2025	5	1
25	Grading - City Park (Private Park Central)	Grading	8/5/2025	8/5/2025	5	1
26	Landscaping - City Park (P1 Village Green)	Site Preparation	8/6/2025	8/31/2025	5	18
27	Landscaping - City Park (Private Park Central)	Building Construction	8/6/2025	9/2/2025	5	20
28	Architectural Coating - User Defined (Retail Commercial Mix)	Architectural Coating	9/1/2025	9/30/2025	5	22
29	Site Preparation - User Defined (Fire Station)	Site Preparation	11/1/2025	11/6/2025	5	4
30	Grading - User Defined (Fire Station)	Grading	11/7/2025	11/17/2025	5	7
31	Building Construction - User Defined (Fire Station)	Building Construction	11/18/2025	8/3/2026	5	185
32	Paving - User Defined (Retail Commercial Mix)	Paving	11/22/2025	11/30/2025	5	5
33	Architectural Coating - User Defined (Fire Station)	Architectural Coating	6/1/2026	7/31/2026	5	45
34	Landscaping - User Defined (Fire Station)	Site Preparation	7/1/2026	7/31/2026	5	23
35	Paving - User Defined (Fire Station)	Paving	7/25/2026	7/31/2026	5	5

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Acres of Paving: 0**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 630; Non-Residential Outdoor: 210; Striped Parking Area: 292,963 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Landscaping - Elementary	Skid Steer Loaders	2	8.00	65	0.37
Paving - City Park (P2 Village Green)	Pavers	2	7.00	130	0.42
Paving - City Park (P2 Village Green)	Paving Equipment	2	7.00	80	0.38
Paving - City Park (P2 Village Green)	Rollers	2	7.00	97	0.37
Site Preparation - Elementary School	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Elementary School	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - Recreational Swimming Pool	Graders	0		187	0.41
Site Preparation - Recreational Swimming Pool	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Recreational Swimming Pool	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading- Recreational Swimming Pool	Excavators	2	8.00	158	0.38
Grading- Recreational Swimming Pool	Graders	1	8.00	187	0.41
Grading- Recreational Swimming Pool	Rubber Tired Dozers	1	8.00	247	0.40
Grading- Recreational Swimming Pool	Scrapers	2	8.00	367	0.48
Grading- Recreational Swimming Pool	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction- Recreational Swimming Pool	Cranes	1	7.00	231	0.29
Building Construction- Recreational Swimming Pool	Forklifts	3	8.00	89	0.20
Building Construction- Recreational Swimming Pool	Generator Sets	1	8.00	84	0.74
Building Construction- Recreational Swimming Pool	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction- Recreational Swimming Pool	Welders	1	8.00	46	0.45
Architectural Coating - Recreational Swimming Pool	Air Compressors	1	6.00	78	0.48

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Landscaping- Recreational Swimming Pool	Rubber Tired Dozers	0	0.00	247	0.40
Landscaping- Recreational Swimming Pool	Skid Steer Loaders	2	8.00	65	0.37
Landscaping- Recreational Swimming Pool	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Paving - City Park (P3 Scenic)	Pavers	2	8.00	130	0.42
Paving - City Park (P3 Scenic)	Paving Equipment	2	8.00	132	0.36
Paving - City Park (P3 Scenic)	Rollers	2	8.00	80	0.38
Site Preparation - City Park (P3 Scenic)	Graders	0		187	0.41
Site Preparation - City Park (P3 Scenic)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P3 Scenic)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - City Park (P3 Scenic)	Concrete/Industrial Saws	0		81	0.73
Grading - City Park (P3 Scenic)	Excavators	2	8.00	158	0.38
Grading - City Park (P3 Scenic)	Graders	1	8.00	187	0.41
Grading - City Park (P3 Scenic)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - City Park (P3 Scenic)	Scrapers	2	8.00	367	0.48
Grading - City Park (P3 Scenic)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - City Park (P3 Scenic)	Cranes	0	0.00	231	0.29
Building Construction - City Park (P3 Scenic)	Forklifts	1	8.00	89	0.20
Building Construction - City Park (P3 Scenic)	Generator Sets	0	0.00	84	0.74
Building Construction - City Park (P3 Scenic)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction - City Park (P3 Scenic)	Welders	1	8.00	46	0.45
Architectural Coating - City Park (P3 Scenic)	Air Compressors	1	6.00	78	0.48
Site Preparation - City Park (P4 Scenic)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P4 Scenic)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - City Park (P4 Scenic)	Excavators	2	8.00	158	0.38
Grading - City Park (P4 Scenic)	Graders	1	8.00	187	0.41

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Grading - City Park (P4 Scenic)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - City Park (P4 Scenic)	Scrapers	2	8.00	367	0.48
Grading - City Park (P4 Scenic)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Landscaping - City Park (P4 Scenic)	Cranes	0	0.00	231	0.29
Landscaping - City Park (P4 Scenic)	Forklifts	0	0.00	89	0.20
Landscaping - City Park (P4 Scenic)	Generator Sets	0	0.00	84	0.74
Landscaping - City Park (P4 Scenic)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - City Park (P4 Scenic)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Landscaping - City Park (P4 Scenic)	Welders	0	0.00	46	0.45
Paving -City Park (P2 Village Green)	Pavers	2	8.00	130	0.42
Paving -City Park (P2 Village Green)	Paving Equipment	2	8.00	132	0.36
Paving -City Park (P2 Village Green)	Rollers	2	8.00	80	0.38
Site Preparation - City Park (P2 Village Green)	Graders	0		187	0.41
Site Preparation - City Park (P2 Village Green)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P2 Village Green)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading -City Park (P2 Village Green)	Concrete/Industrial Saws	0		81	0.73
Grading -City Park (P2 Village Green)	Excavators	2	8.00	158	0.38
Grading -City Park (P2 Village Green)	Graders	1	8.00	187	0.41
Grading -City Park (P2 Village Green)	Rubber Tired Dozers	1	8.00	247	0.40
Grading -City Park (P2 Village Green)	Scrapers	2	8.00	367	0.48
Grading -City Park (P2 Village Green)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction -City Park (P2 Village Green)	Cranes	0	0.00	231	0.29
Building Construction -City Park (P2 Village Green)	Forklifts	1	8.00	89	0.20
Building Construction -City Park (P2 Village Green)	Generator Sets	1	8.00	84	0.74
Building Construction -City Park (P2 Village Green)	Tractors/Loaders/Backhoes	1	7.00	97	0.37

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Building Construction - City Park (P2 Village Green)	Welders	0	0.00	46	0.45
Site Preparation - User Defined (Retail Commercial Mix)	Graders	0		187	0.41
Site Preparation - User Defined (Retail Commercial Mix)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - User Defined (Retail Commercial Mix)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - User Defined (Retail Commercial Mix)	Excavators	2	8.00	158	0.38
Grading - User Defined (Retail Commercial Mix)	Graders	1	8.00	187	0.41
Grading - User Defined (Retail Commercial Mix)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - User Defined (Retail Commercial Mix)	Scrapers	2	8.00	367	0.48
Grading - User Defined (Retail Commercial Mix)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - User Defined (Retail Commercial Mix)	Cranes	1	7.00	231	0.29
Building Construction - User Defined (Retail Commercial Mix)	Forklifts	3	8.00	89	0.20
Building Construction - User Defined (Retail Commercial Mix)	Generator Sets	1	8.00	84	0.74
Building Construction - User Defined (Retail Commercial Mix)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - User Defined (Retail Commercial Mix)	Welders	1	8.00	46	0.45
Architectural Coating - City Park (P2 Village Green)	Air Compressors	1	6.00	78	0.48
Site Preparation - City Park (P1 Village Green)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (P1 Village Green)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation - City Park (Private Park Central)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - City Park (Private Park Central)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading- City Park (P1 Village Green)	Excavators	2	8.00	158	0.38
Grading- City Park (P1 Village Green)	Graders	1	8.00	187	0.41
Grading- City Park (P1 Village Green)	Rubber Tired Dozers	1	8.00	247	0.40
Grading- City Park (P1 Village Green)	Scrapers	2	8.00	367	0.48

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Grading- City Park (P1 Village Green)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Grading - City Park (Private Park Central)	Excavators	2	8.00	158	0.38
Grading - City Park (Private Park Central)	Graders	1	8.00	187	0.41
Grading - City Park (Private Park Central)	Rubber Tired Dozers	1	8.00	247	0.40
Grading - City Park (Private Park Central)	Scrapers	2	8.00	367	0.48
Grading - City Park (Private Park Central)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Landscaping - City Park (P1 Village Green)	Rubber Tired Dozers	0	0.00	247	0.40
Landscaping - City Park (P1 Village Green)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - City Park (P1 Village Green)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Landscaping - City Park (Private Park Central)	Cranes	0	0.00	231	0.29
Landscaping - City Park (Private Park Central)	Forklifts	0	0.00	89	0.20
Landscaping - City Park (Private Park Central)	Generator Sets	0	0.00	84	0.74
Landscaping - City Park (Private Park Central)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - City Park (Private Park Central)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Landscaping - City Park (Private Park Central)	Welders	0	0.00	46	0.45
Architectural Coating - User Defined (Retail Commercial Mix)	Air Compressors	1	6.00	78	0.48
Site Preparation - User Defined (Fire Station)	Graders	0		187	0.41
Site Preparation - User Defined (Fire Station)	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - User Defined (Fire Station)	Scrapers	0		367	0.48
Site Preparation - User Defined (Fire Station)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - User Defined (Fire Station)	Excavators	2	8.00	158	0.38
Grading - User Defined (Fire Station)	Graders	1	8.00	187	0.41
Grading - User Defined (Fire Station)	Rubber Tired Dozers	1	8.00	247	0.40

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Grading - User Defined (Fire Station)	Scrapers	2	8.00	367	0.48
Grading - User Defined (Fire Station)	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction - User Defined (Fire Station)	Cranes	1	7.00	231	0.29
Building Construction - User Defined (Fire Station)	Forklifts	3	8.00	89	0.20
Building Construction - User Defined (Fire Station)	Generator Sets	1	8.00	84	0.74
Building Construction - User Defined (Fire Station)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - User Defined (Fire Station)	Welders	1	8.00	46	0.45
Paving - User Defined (Retail Commercial Mix)	Pavers	2	8.00	130	0.42
Paving - User Defined (Retail Commercial Mix)	Paving Equipment	2	8.00	132	0.36
Paving - User Defined (Retail Commercial Mix)	Rollers	2	8.00	80	0.38
Architectural Coating - User Defined (Fire Station)	Air Compressors	1	6.00	78	0.48
Landscaping - User Defined (Fire Station)	Rubber Tired Dozers	0	0.00	247	0.40
Landscaping - User Defined (Fire Station)	Skid Steer Loaders	2	8.00	65	0.37
Landscaping - User Defined (Fire Station)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Paving - User Defined (Fire Station)	Pavers	2	8.00	130	0.42
Paving - User Defined (Fire Station)	Paving Equipment	2	8.00	132	0.36
Paving - User Defined (Fire Station)	Rollers	2	8.00	80	0.38

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation - Recreational Swimm	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading- Recreational Swimming Pool	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction- Recreational Swimm	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Architectural Coating - Recreational Swimm	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping- Recreational Swimm	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - City Park (P3 Scenario)	6	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P3 Scenario)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P3 Scenario)	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - City Park (P3 Scenario)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - City Park (P3 Scenario)	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P4 Scenario)	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P4 Scenario)	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - City Park (P4 Scenario)	11	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - City Park (P2 Village Green)	6	6.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P2 Village Green)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P2 Village Green)	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - City Park (P2 Village Green)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - User Defined (Detail Comm)	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - User Defined (Detail Comm)	7	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - User Defined (Detail Comm)	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - City Park (P2 Village Green)	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (P1 Village Green)	7	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - City Park (Private Park Central)	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (P1 Village Green)	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - City Park (Private Park Central)	8	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - City Park (P1 Village Green)	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - City Park (Private Park Central)	11	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - User Defined (Detail Comm)	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - User Defined (Fire Station)	6	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - User Defined (Fire Station)	8	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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Building Construction - User Defined (Fire Station)	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - User Defined (Detail Commercial Mid)	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - User Defined (Fire Station)	1	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping - User Defined (Fire Station)	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving - User Defined (Fire Station)	6	10.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	2.6595	27.5242	18.2443	0.0381	6.0221	1.2660	7.2881	3.3102	1.1647	4.4750		3,687.3081	3,687.3081	1.1926		3,717.1219

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3.2 Site Preparation - Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	2.1900	5.8000e-004	2.1906	0.2289	5.4000e-004	0.2295		142.7095	142.7095	8.1700e-003		142.9138

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	0.6967	12.1620	22.9600	0.0381	2.3486	0.0621	2.4107	1.2910	0.0621	1.3531	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.2 Site Preparation - Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	0.9723	5.8000e-004	0.9728	0.1073	5.4000e-004	0.1078		142.7095	142.7095	8.1700e-003		142.9138

3.3 Grading- Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	6.5523	1.4245	7.9768	3.3675	1.3105	4.6780		6,011.4777	6,011.4777	1.9442		6,060.0836

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.3 Grading- Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	2.1900	5.8000e-004	2.1906	0.2289	5.4000e-004	0.2295		142.7095	142.7095	8.1700e-003		142.9138

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.3 Grading- Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	0.9723	5.8000e-004	0.9728	0.1073	5.4000e-004	0.1078		142.7095	142.7095	8.1700e-003		142.9138

3.4 Building Construction- Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.4 Building Construction- Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	3.2596	5.4000e-004	3.2601	0.3387	5.0000e-004	0.3392		75.4567	75.4567	1.9500e-003		75.5055
Total	0.0396	0.3218	0.3192	1.8000e-003	4.1457	9.0000e-004	4.1466	0.4321	8.4000e-004	0.4330		187.9835	187.9835	9.3400e-003		188.2170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.4 Building Construction- Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0310	0.0187	0.2291	7.6000e-004	1.4431	5.4000e-004	1.4436	0.1572	5.0000e-004	0.1577		75.4567	75.4567	1.9500e-003		75.5055
Total	0.0396	0.3218	0.3192	1.8000e-003	1.8381	9.0000e-004	1.8390	0.2016	8.4000e-004	0.2025		187.9835	187.9835	9.3400e-003		188.2170

3.5 Architectural Coating - Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.6353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	31.8269	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.5 Architectural Coating - Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	0.0149	0.3068	0.1359	1.1900e-003	1.5381	4.7000e-004	1.5385	0.1612	4.4000e-004	0.1616		127.6182	127.6182	7.7800e-003		127.8127

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	31.6353					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690
Total	31.6898	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0168		281.8690

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.5 Architectural Coating - Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	0.0149	0.3068	0.1359	1.1900e-003	0.6837	4.7000e-004	0.6841	0.0759	4.4000e-004	0.0763		127.6182	127.6182	7.7800e-003		127.8127

3.6 Landscaping- Recreational Swimming Pool - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1302	1.7294	2.7708	4.1400e-003		0.0585	0.0585		0.0538	0.0538		400.9725	400.9725	0.1297		404.2145
Total	0.1302	1.7294	2.7708	4.1400e-003	18.0663	0.0585	18.1248	9.9307	0.0538	9.9845		400.9725	400.9725	0.1297		404.2145

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.6 Landscaping- Recreational Swimming Pool - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	2.1900	5.8000e-004	2.1906	0.2289	5.4000e-004	0.2295		142.7095	142.7095	8.1700e-003		142.9138

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9725	400.9725	0.1297		404.2145
Total	0.1018	2.3245	3.1389	4.1400e-003	7.0458	0.0950	7.1409	3.8730	0.0950	3.9680	0.0000	400.9725	400.9725	0.1297		404.2145

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.6 Landscaping- Recreational Swimming Pool - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	0.9723	5.8000e-004	0.9728	0.1073	5.4000e-004	0.1078		142.7095	142.7095	8.1700e-003		142.9138

3.7 Paving - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.7 Paving - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0294	0.0172	0.2142	7.3000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0503	0.7642	0.4323	3.3100e-003	5.4749	1.4000e-003	5.4763	0.5723	1.3200e-003	0.5736		351.9914	351.9914	0.0201		352.4927

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.7 Paving - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	0.9876	8.7000e-004	0.9885	0.1110	8.3000e-004	0.1119		279.5076	279.5076	0.0183		279.9642
Worker	0.0294	0.0172	0.2142	7.3000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0503	0.7642	0.4323	3.3100e-003	2.4307	1.4000e-003	2.4321	0.2682	1.3200e-003	0.2695		351.9914	351.9914	0.0201		352.4927

3.8 Site Preparation - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	2.6609	27.1760	18.3356	0.0381	18.0663	1.2294	19.2956	9.9307	1.1310	11.0617		3,688.0100	3,688.0100	1.1928		3,717.8294

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.8 Site Preparation - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		140.7965	140.7965	8.0300e-003		140.9971

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.8 Site Preparation - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		140.7965	140.7965	8.0300e-003		140.9971

3.9 Grading - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	6.0221	1.3354	7.3575	3.3102	1.2286	4.5388		6,009.7487	6,009.7487	1.9437		6,058.3405

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.9 Grading - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	2.8419	6.7000e-004	2.8426	0.2967	6.3000e-004	0.2973		155.2933	155.2933	8.3900e-003		155.5028

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	1.0110	19.2707	36.7226	0.0621	2.3486	0.1015	2.4502	1.2910	0.1015	1.3925	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.9 Grading - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	1.2609	6.7000e-004	1.2616	0.1387	6.3000e-004	0.1394		155.2933	155.2933	8.3900e-003		155.5028

3.10 Building Construction - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4560	3.5315	4.7592	6.8100e-003		0.1566	0.1566		0.1479	0.1479		619.5545	619.5545	0.1545		623.4157
Total	0.4560	3.5315	4.7592	6.8100e-003		0.1566	0.1566		0.1479	0.1479		619.5545	619.5545	0.1545		623.4157

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.10 Building Construction - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		140.7965	140.7965	8.0300e-003		140.9971

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1393	3.5182	4.7077	6.8100e-003		0.0537	0.0537		0.0537	0.0537	0.0000	619.5545	619.5545	0.1545		623.4157
Total	0.1393	3.5182	4.7077	6.8100e-003		0.0537	0.0537		0.0537	0.0537	0.0000	619.5545	619.5545	0.1545		623.4157

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.10 Building Construction - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		140.7965	140.7965	8.0300e-003		140.9971

3.11 Architectural Coating - City Park (P3 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.4578					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	16.6385	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.11 Architectural Coating - City Park (P3 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	1.5381	4.6000e-004	1.5385	0.1612	4.3000e-004	0.1616		126.2998	126.2998	7.6700e-003		126.4914

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	16.4578					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	16.5122	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.11 Architectural Coating - City Park (P3 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	0.6837	4.6000e-004	0.6841	0.0759	4.3000e-004	0.0763		126.2998	126.2998	7.6700e-003		126.4914

3.12 Site Preparation - City Park (P4 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	2.6609	27.1760	18.3356	0.0381	18.0663	1.2294	19.2956	9.9307	1.1310	11.0617		3,688.0100	3,688.0100	1.1928		3,717.8294

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.12 Site Preparation - City Park (P4 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.9000e-004	0.3391		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0378	0.3160	0.3015	1.7600e-003	4.1457	8.8000e-004	4.1466	0.4321	8.2000e-004	0.4329		184.2868	184.2868	9.1000e-003		184.5142

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.12 Site Preparation - City Park (P4 Scenic) - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0294	0.0172	0.2142	7.3000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.9000e-004	0.1577		72.4837	72.4837	1.7900e-003		72.5285
Total	0.0378	0.3160	0.3015	1.7600e-003	1.8381	8.8000e-004	1.8390	0.2016	8.2000e-004	0.2024		184.2868	184.2868	9.1000e-003		184.5142

3.13 Grading - City Park (P4 Scenic) - 2024

Unmitigated Construction On-Site

[illegible]

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.13 Grading - City Park (P4 Scenic) - 2024

Unmitigated Construction Off-Site

[illegible]

Mitigated Construction On-Site

[illegible]

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.13 Grading - City Park (P4 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

3.14 Landscaping - City Park (P4 Scenic) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1246	1.6529	2.7690	4.1500e-003		0.0531	0.0531		0.0489	0.0489		401.1345	401.1345	0.1297		404.3779
Total	0.1246	1.6529	2.7690	4.1500e-003		0.0531	0.0531		0.0489	0.0489		401.1345	401.1345	0.1297		404.3779

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.14 Landscaping - City Park (P4 Scenic) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		140.7965	140.7965	8.0300e-003		140.9971

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1018	2.3245	3.1389	4.1500e-003		0.0950	0.0950		0.0950	0.0950	0.0000	401.1345	401.1345	0.1297		404.3779
Total	0.1018	2.3245	3.1389	4.1500e-003		0.0950	0.0950		0.0950	0.0950	0.0000	401.1345	401.1345	0.1297		404.3779

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.14 Landscaping - City Park (P4 Scenic) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		140.7965	140.7965	8.0300e-003		140.9971

3.15 Paving -City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.15 Paving -City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		41.7307	41.7307	9.9000e-004		41.7555
Total	0.0371	0.7457	0.3339	2.9800e-003	4.1711	1.1700e-003	4.1723	0.4369	1.1000e-003	0.4380		319.5187	319.5187	0.0191		319.9956

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.15 Paving -City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		41.7307	41.7307	9.9000e-004		41.7555
Total	0.0371	0.7457	0.3339	2.9800e-003	1.8534	1.1700e-003	1.8546	0.2053	1.1000e-003	0.2064		319.5187	319.5187	0.0191		319.9956

3.16 Site Preparation - City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.16 Site Preparation - City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	2.1900	5.5000e-004	2.1905	0.2289	5.1000e-004	0.2294		138.9357	138.9357	7.8900e-003		139.1330

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.16 Site Preparation - City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	0.9723	5.5000e-004	0.9728	0.1073	5.1000e-004	0.1078		138.9357	138.9357	7.8900e-003		139.1330

3.17 Grading -City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.0221	1.1309	7.1530	3.3102	1.0404	4.3507		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.17 Grading -City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		41.7307	41.7307	9.9000e-004		41.7555
Total	0.0250	0.3040	0.2056	1.4500e-003	2.8419	6.6000e-004	2.8425	0.2967	6.1000e-004	0.2973		152.8459	152.8459	8.2200e-003		153.0516

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.3486	0.1015	2.4502	1.2910	0.1015	1.3925	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.17 Grading -City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		41.7307	41.7307	9.9000e-004		41.7555
Total	0.0250	0.3040	0.2056	1.4500e-003	1.2609	6.6000e-004	1.2615	0.1387	6.1000e-004	0.1393		152.8459	152.8459	8.2200e-003		153.0516

3.18 Building Construction -City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4689	4.3822	6.7442	0.0108		0.1865	0.1865		0.1792	0.1792		1,035.3643	1,035.3643	0.1564		1,039.2737
Total	0.4689	4.3822	6.7442	0.0108		0.1865	0.1865		0.1792	0.1792		1,035.3643	1,035.3643	0.1564		1,039.2737

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.18 Building Construction -City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	2.1900	5.5000e-004	2.1905	0.2289	5.1000e-004	0.2294		138.9357	138.9357	7.8900e-003		139.1330

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2161	4.2032	7.2673	0.0108		0.0157	0.0157		0.0157	0.0157	0.0000	1,035.3643	1,035.3643	0.1564		1,039.2737
Total	0.2161	4.2032	7.2673	0.0108		0.0157	0.0157		0.0157	0.0157	0.0000	1,035.3643	1,035.3643	0.1564		1,039.2737

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.18 Building Construction -City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	0.9723	5.5000e-004	0.9728	0.1073	5.1000e-004	0.1078		138.9357	138.9357	7.8900e-003		139.1330

3.19 Site Preparation - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	6.0221	1.0868	7.1089	3.3102	0.9999	4.3101		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.19 Site Preparation - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	2.1900	5.5000e-004	2.1905	0.2289	5.1000e-004	0.2294		138.9357	138.9357	7.8900e-003		139.1330

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	2.3486	0.0621	2.4107	1.2910	0.0621	1.3531	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.19 Site Preparation - User Defined (Retail Commercial Mix) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	0.9723	5.5000e-004	0.9728	0.1073	5.1000e-004	0.1078		138.9357	138.9357	7.8900e-003		139.1330

3.20 Grading - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.5523	1.1309	7.6832	3.3675	1.0404	4.4079		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.20 Grading - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	2.1900	5.5000e-004	2.1905	0.2289	5.1000e-004	0.2294		138.9357	138.9357	7.8900e-003		139.1330

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.20 Grading - User Defined (Retail Commercial Mix) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	0.9723	5.5000e-004	0.9728	0.1073	5.1000e-004	0.1078		138.9357	138.9357	7.8900e-003		139.1330

3.21 Building Construction - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

**3.21 Building Construction - User Defined (Retail Commercial Mix)
- 2025****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1
Total	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.474 4	2,556.474 4	0.6010		2,571.498 1

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

**3.21 Building Construction - User Defined (Retail Commercial Mix)
- 2025****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.22 Architectural Coating -City Park (P2 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1442					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	8.3151	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.22 Architectural Coating -City Park (P2 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	1.5381	4.5000e-004	1.5385	0.1612	4.2000e-004	0.1616		125.0254	125.0254	7.5600e-003		125.2145

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.1442					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	8.1987	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.22 Architectural Coating -City Park (P2 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	0.6837	4.5000e-004	0.6841	0.0759	4.2000e-004	0.0763		125.0254	125.0254	7.5600e-003		125.2145

3.23 Site Preparation - City Park (P1 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.23 Site Preparation - City Park (P1 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0306	0.3072	0.2456	1.5900e-003	3.4938	7.6000e-004	3.4946	0.3644	7.1000e-004	0.3651		166.7561	166.7561	8.5500e-003		166.9701

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.23 Site Preparation - City Park (P1 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0306	0.3072	0.2456	1.5900e-003	1.5495	7.6000e-004	1.5503	0.1702	7.1000e-004	0.1709		166.7561	166.7561	8.5500e-003		166.9701

3.24 Site Preparation - City Park (Private Park Central) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.24 Site Preparation - City Park (Private Park Central) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.24 Site Preparation - City Park (Private Park Central) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.25 Grading- City Park (P1 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.5523	1.1309	7.6832	3.3675	1.0404	4.4079		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.25 Grading- City Park (P1 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.25 Grading- City Park (P1 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.26 Grading - City Park (Private Park Central) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.5523	1.1309	7.6832	3.3675	1.0404	4.4079		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.26 Grading - City Park (Private Park Central) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0306	0.3072	0.2456	1.5900e-003	3.4938	7.6000e-004	3.4946	0.3644	7.1000e-004	0.3651		166.7561	166.7561	8.5500e-003		166.9701

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.26 Grading - City Park (Private Park Central) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0306	0.3072	0.2456	1.5900e-003	1.5495	7.6000e-004	1.5503	0.1702	7.1000e-004	0.1709		166.7561	166.7561	8.5500e-003		166.9701

3.27 Landscaping - City Park (P1 Village Green) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	0.1186	1.5842	2.7584	4.1400e-003	18.0663	0.0481	18.1143	9.9307	0.0442	9.9749		400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.27 Landscaping - City Park (P1 Village Green) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	2.1900	5.5000e-004	2.1905	0.2289	5.1000e-004	0.2294		138.9357	138.9357	7.8900e-003		139.1330

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9499	400.9499	0.1297		404.1918
Total	0.1018	2.3245	3.1389	4.1400e-003	7.0458	0.0950	7.1409	3.8730	0.0950	3.9680	0.0000	400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.27 Landscaping - City Park (P1 Village Green) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	0.9723	5.5000e-004	0.9728	0.1073	5.1000e-004	0.1078		138.9357	138.9357	7.8900e-003		139.1330

3.28 Landscaping - City Park (Private Park Central) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.28 Landscaping - City Park (Private Park Central) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	2.1900	5.5000e-004	2.1905	0.2289	5.1000e-004	0.2294		138.9357	138.9357	7.8900e-003		139.1330

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9499	400.9499	0.1297		404.1918
Total	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.28 Landscaping - City Park (Private Park Central) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	0.9723	5.5000e-004	0.9728	0.1073	5.1000e-004	0.1078		138.9357	138.9357	7.8900e-003		139.1330

3.29 Architectural Coating - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.0747					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	15.2456	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

**3.29 Architectural Coating - User Defined (Retail Commercial Mix)
- 2025****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	1.5381	4.5000e-004	1.5385	0.1612	4.2000e-004	0.1616		125.0254	125.0254	7.5600e-003		125.2145

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.0747					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	15.1292	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

**3.29 Architectural Coating - User Defined (Retail Commercial Mix)
- 2025****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	0.6837	4.5000e-004	0.6841	0.0759	4.2000e-004	0.0763		125.0254	125.0254	7.5600e-003		125.2145

3.30 Site Preparation - User Defined (Fire Station) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.4727	25.2339	17.9118	0.0381		1.0868	1.0868		0.9999	0.9999		3,689.1037	3,689.1037	1.1931		3,718.9320
Total	2.4727	25.2339	17.9118	0.0381	18.0663	1.0868	19.1531	9.9307	0.9999	10.9305		3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.30 Site Preparation - User Defined (Fire Station) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	2.1900	5.5000e-004	2.1905	0.2289	5.1000e-004	0.2294		138.9357	138.9357	7.8900e-003		139.1330

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320
Total	0.6967	12.1620	22.9600	0.0381	7.0458	0.0621	7.1079	3.8730	0.0621	3.9351	0.0000	3,689.1037	3,689.1037	1.1931		3,718.9320

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.30 Site Preparation - User Defined (Fire Station) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0193	0.3008	0.1656	1.3100e-003	0.9723	5.5000e-004	0.9728	0.1073	5.1000e-004	0.1078		138.9357	138.9357	7.8900e-003		139.1330

3.31 Grading - User Defined (Fire Station) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	2.9012	27.9429	26.3311	0.0621		1.1309	1.1309		1.0404	1.0404		6,008.2814	6,008.2814	1.9432		6,056.8614
Total	2.9012	27.9429	26.3311	0.0621	6.5523	1.1309	7.6832	3.3675	1.0404	4.4079		6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.31 Grading - User Defined (Fire Station) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	1.9557	3.2000e-004	1.9560	0.2032	2.9000e-004	0.2035		41.7307	41.7307	9.9000e-004		41.7555
Total	0.0250	0.3040	0.2056	1.4500e-003	2.8419	6.6000e-004	2.8425	0.2967	6.1000e-004	0.2973		152.8459	152.8459	8.2200e-003		153.0516

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614
Total	1.0110	19.2707	36.7226	0.0621	2.5554	0.1015	2.6570	1.3133	0.1015	1.4149	0.0000	6,008.2814	6,008.2814	1.9432		6,056.8614

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.31 Grading - User Defined (Fire Station) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0168	9.5000e-003	0.1201	4.2000e-004	0.8659	3.2000e-004	0.8662	0.0943	2.9000e-004	0.0946		41.7307	41.7307	9.9000e-004		41.7555
Total	0.0250	0.3040	0.2056	1.4500e-003	1.2609	6.6000e-004	1.2615	0.1387	6.1000e-004	0.1393		152.8459	152.8459	8.2200e-003		153.0516

3.32 Building Construction - User Defined (Fire Station) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.32 Building Construction - User Defined (Fire Station) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	3.2596	5.3000e-004	3.2601	0.3387	4.8000e-004	0.3391		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	4.1457	8.7000e-004	4.1466	0.4321	8.0000e-004	0.4329		180.6664	180.6664	8.8900e-003		180.8886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.32 Building Construction - User Defined (Fire Station) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	0.0281	0.0158	0.2001	7.0000e-004	1.4431	5.3000e-004	1.4436	0.1572	4.8000e-004	0.1577		69.5512	69.5512	1.6600e-003		69.5926
Total	0.0362	0.3103	0.2856	1.7300e-003	1.8381	8.7000e-004	1.8390	0.2016	8.0000e-004	0.2024		180.6664	180.6664	8.8900e-003		180.8886

3.32 Building Construction - User Defined (Fire Station) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.32 Building Construction - User Defined (Fire Station) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0269	0.0147	0.1882	6.7000e-004	3.2596	5.1000e-004	3.2601	0.3387	4.7000e-004	0.3391		67.0034	67.0034	1.5400e-003		67.0420
Total	0.0348	0.3050	0.2726	1.6900e-003	4.1457	8.4000e-004	4.1465	0.4321	7.8000e-004	0.4329		177.4749	177.4749	8.7000e-003		177.6926

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.32 Building Construction - User Defined (Fire Station) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0269	0.0147	0.1882	6.7000e-004	1.4431	5.1000e-004	1.4436	0.1572	4.7000e-004	0.1577		67.0034	67.0034	1.5400e-003		67.0420
Total	0.0348	0.3050	0.2726	1.6900e-003	1.8381	8.4000e-004	1.8390	0.2016	7.8000e-004	0.2024		177.4749	177.4749	8.7000e-003		177.6926

3.33 Paving - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.33 Paving - User Defined (Retail Commercial Mix) - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	4.8230	1.2700e-003	4.8243	0.5046	1.2000e-003	0.5058		333.4289	333.4289	0.0194		333.9141

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.33 Paving - User Defined (Retail Commercial Mix) - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0428	0.7489	0.3739	3.1200e-003	2.1421	1.2700e-003	2.1433	0.2368	1.2000e-003	0.2380		333.4289	333.4289	0.0194		333.9141

3.34 Architectural Coating - User Defined (Fire Station) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.4741					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	5.6450	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.34 Architectural Coating - User Defined (Fire Station) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	1.5381	4.3000e-004	1.5385	0.1612	4.0000e-004	0.1616		123.8721	123.8721	7.4700e-003		124.0589

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	5.4741					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319
Total	5.5286	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0154		281.8319

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.34 Architectural Coating - User Defined (Fire Station) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	0.6837	4.3000e-004	0.6841	0.0759	4.0000e-004	0.0763		123.8721	123.8721	7.4700e-003		124.0589

3.35 Landscaping - User Defined (Fire Station) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.1186	1.5842	2.7584	4.1400e-003		0.0481	0.0481		0.0442	0.0442		400.9499	400.9499	0.1297		404.1918
Total	0.1186	1.5842	2.7584	4.1400e-003	18.0663	0.0481	18.1143	9.9307	0.0442	9.9749		400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.35 Landscaping - User Defined (Fire Station) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0187	0.2962	0.1596	1.2900e-003	2.1900	5.3000e-004	2.1905	0.2289	5.0000e-004	0.2294		137.2728	137.2728	7.7800e-003		137.4673

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.9499	400.9499	0.1297		404.1918
Total	0.1018	2.3245	3.1389	4.1400e-003	7.0458	0.0950	7.1409	3.8730	0.0950	3.9680	0.0000	400.9499	400.9499	0.1297		404.1918

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.35 Landscaping - User Defined (Fire Station) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0187	0.2962	0.1596	1.2900e-003	0.9723	5.3000e-004	0.9728	0.1073	5.0000e-004	0.1078		137.2728	137.2728	7.7800e-003		137.4673

3.36 Paving - User Defined (Fire Station) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.36 Paving - User Defined (Fire Station) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	2.2154	8.2000e-004	2.2162	0.2337	7.9000e-004	0.2345		276.1786	276.1786	0.0179		276.6263
Worker	0.0269	0.0147	0.1882	6.7000e-004	3.2596	5.1000e-004	3.2601	0.3387	4.7000e-004	0.3391		67.0034	67.0034	1.5400e-003		67.0420
Total	0.0467	0.7405	0.3991	3.2200e-003	5.4749	1.3300e-003	5.4763	0.5723	1.2600e-003	0.5736		343.1821	343.1821	0.0195		343.6684

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

3.36 Paving - User Defined (Fire Station) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	0.9876	8.2000e-004	0.9884	0.1110	7.9000e-004	0.1118		276.1786	276.1786	0.0179		276.6263
Worker	0.0269	0.0147	0.1882	6.7000e-004	1.4431	5.1000e-004	1.4436	0.1572	4.7000e-004	0.1577		67.0034	67.0034	1.5400e-003		67.0420
Total	0.0467	0.7405	0.3991	3.2200e-003	2.4307	1.3300e-003	2.4320	0.2682	1.2600e-003	0.2695		343.1821	343.1821	0.0195		343.6684

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.2703	8.9031	22.2737	0.0623	4.6602	0.0736	4.7339	1.2455	0.0694	1.3148		6,314.4506	6,314.4506	0.3759		6,323.8472
Unmitigated	2.2703	8.9031	22.2737	0.0623	4.6602	0.0736	4.7339	1.2455	0.0694	1.3148		6,314.4506	6,314.4506	0.3759		6,323.8472

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	76.00	76.00	76.00	162,249	162,249
Industrial Park	15.98	15.98	15.98	41,897	41,897
Recreational Swimming Pool	36.00	36.00	36.00	65,062	65,062
Regional Shopping Center	1,100.00	1,100.00	1,100.00	1,928,635	1,928,635
Total	1,227.98	1,227.98	1,227.98	2,197,843	2,197,843

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Industrial Park	9.50	7.30	7.30	59.00	28.00	13.00	79	19	2
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9
Regional Shopping Center	9.50	7.30	7.30	16.30	64.70	19.00	54	35	11

4.4 Fleet Mix

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Recreational Swimming Pool	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Regional Shopping Center	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	6.2400e-003	0.0567	0.0477	3.4000e-004		4.3100e-003	4.3100e-003		4.3100e-003	4.3100e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4770
NaturalGas Unmitigated	6.2400e-003	0.0567	0.0477	3.4000e-004		4.3100e-003	4.3100e-003		4.3100e-003	4.3100e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4770

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	472.041	5.0900e-003	0.0463	0.0389	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.5343	55.5343	1.0600e-003	1.0200e-003	55.8643
Recreational Swimming Pool	45.2055	4.9000e-004	4.4300e-003	3.7200e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3183	5.3183	1.0000e-004	1.0000e-004	5.3499
Regional Shopping Center	61.3699	6.6000e-004	6.0200e-003	5.0500e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		7.2200	7.2200	1.4000e-004	1.3000e-004	7.2629
Total		6.2400e-003	0.0567	0.0476	3.5000e-004		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4771

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	0.472041	5.0900e-003	0.0463	0.0389	2.8000e-004		3.5200e-003	3.5200e-003		3.5200e-003	3.5200e-003		55.5343	55.5343	1.0600e-003	1.0200e-003	55.8643
Recreational Swimming Pool	0.0452055	4.9000e-004	4.4300e-003	3.7200e-003	3.0000e-005		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004		5.3183	5.3183	1.0000e-004	1.0000e-004	5.3499
Regional Shopping Center	0.0613699	6.6000e-004	6.0200e-003	5.0500e-003	4.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		7.2200	7.2200	1.4000e-004	1.3000e-004	7.2629
Total		6.2400e-003	0.0567	0.0476	3.5000e-004		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003		68.0725	68.0725	1.3000e-003	1.2500e-003	68.4771

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4668	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Unmitigated	0.4256	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0294					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3959					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.3000e-004	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Total	0.4256	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0705					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.3959					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.3000e-004	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003
Total	0.4668	3.0000e-005	3.5800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		7.7000e-003	7.7000e-003	2.0000e-005		8.2000e-003

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Proctor Valley EIR - Central Village Non-Residential - San Diego County, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - Central Village Non-Residential

San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating - City Park (P3 Scenic)	0.01	0.10	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - User Defined (Fire Station)	0.02	0.06	-0.01	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Recreational Swimming Pool	0.00	0.15	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - User Defined (Retail Commercial Mix)	0.01	0.06	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating -City Park (P2 Village Green)	0.01	0.06	-0.01	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - City Park (P3 Scenic)	0.66	0.00	0.01	0.00	0.66	0.64	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - User Defined (Fire Station)	0.59	0.12	-0.11	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - User Defined (Retail Commercial Mix)	0.59	0.12	-0.11	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction -City Park (P2 Village Green)	0.52	0.04	-0.08	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction- Recreational Swimming Pool	0.64	0.24	-0.10	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Grading - City Park (P3 Scenic)	0.68	0.40	-0.32	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Grading - City Park (P4 Scenic)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading - City Park (Private Park Central)	0.64	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Grading - User Defined (Fire Station)	0.65	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Grading - User Defined (Retail Commercial Mix)	0.65	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Grading- City Park (P1 Village Green)	0.64	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00

Grading -City Park (P2 Village Green)	0.65	0.31	-0.39	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Grading- Recreational Swimming Pool	0.69	0.44	-0.31	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - City Park (P1 Village Green)	0.12	-0.39	-0.13	0.00	-1.00	-1.15	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - City Park (P4 Scenic)	0.16	-0.34	-0.13	0.00	-0.79	-0.94	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - City Park (Private Park Central)	0.12	-0.39	-0.13	0.00	-0.98	-1.16	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - User Defined (Fire Station)	0.12	-0.39	-0.13	0.00	-0.98	-1.14	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping- Recreational Swimming Pool	0.19	-0.29	-0.12	0.00	-0.64	-0.75	0.00	0.00	0.00	0.00	0.00	0.00
Paving - City Park (P3 Scenic)	0.63	-0.05	-0.18	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Paving - User Defined (Fire Station)	0.60	-0.16	-0.18	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Paving - User Defined (Retail Commercial Mix)	0.60	-0.16	-0.18	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Paving -City Park (P2 Village Green)	0.61	-0.16	-0.18	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (P1 Village Green)	0.71	0.51	-0.28	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (P2 Village Green)	0.71	0.51	-0.28	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (P3 Scenic)	0.73	0.55	-0.25	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (P4 Scenic)	0.73	0.55	-0.25	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - City Park (Private Park Central)	0.71	0.51	-0.28	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Recreational Swimming Pool	0.73	0.55	-0.26	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - User Defined (Fire Station)	0.71	0.51	-0.28	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - User Defined (Retail Commercial Mix)	0.71	0.51	-0.28	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	5	5	No Change	0.00
Concrete/Industrial Saws	Diesel	Tier 4 Interim	2	2	No Change	0.00
Cranes	Diesel	Tier 4 Interim	7	7	No Change	0.00
Excavators	Diesel	Tier 4 Interim	13	13	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	12	12	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	7	7	No Change	0.00
Graders	Diesel	Tier 4 Interim	13	13	No Change	0.00
Pavers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	10	10	No Change	0.00
Rollers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	40	40	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	17	17	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	12	12	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	67	67	No Change	0.00
Welders	Diesel	Tier 4 Interim	7	7	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	1.76700E-002	1.19010E-001	1.80070E-001	3.00000E-004	5.75000E-003	5.75000E-003	0.00000E+000	2.54049E+001	2.54049E+001	1.42000E-003	0.00000E+000	2.54405E+001
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	5.48900E-002	5.65150E-001	3.00560E-001	9.90000E-004	2.39200E-002	2.20100E-002	0.00000E+000	8.67214E+001	8.67214E+001	2.80500E-002	0.00000E+000	8.74226E+001
Excavators	3.78000E-003	2.84000E-002	7.17200E-002	1.10000E-004	1.39000E-003	1.28000E-003	0.00000E+000	9.98495E+000	9.98495E+000	3.23000E-003	0.00000E+000	1.00657E+001
Forklifts	6.04500E-002	5.68510E-001	7.61200E-001	1.02000E-003	3.15700E-002	2.90400E-002	0.00000E+000	8.99752E+001	8.99752E+001	2.91000E-002	0.00000E+000	9.07027E+001
Generator Sets	6.47600E-002	5.80850E-001	8.67710E-001	1.56000E-003	2.39500E-002	2.39500E-002	0.00000E+000	1.33954E+002	1.33954E+002	5.11000E-003	0.00000E+000	1.34082E+002
Graders	3.60000E-003	4.08700E-002	1.77800E-002	7.00000E-005	1.32000E-003	1.21000E-003	0.00000E+000	6.39017E+000	6.39017E+000	2.07000E-003	0.00000E+000	6.44184E+000
Pavers	3.53000E-003	3.24600E-002	5.79000E-002	9.00000E-005	1.52000E-003	1.40000E-003	0.00000E+000	8.25602E+000	8.25602E+000	2.67000E-003	0.00000E+000	8.32278E+000
Paving Equipment	3.03000E-003	2.64500E-002	5.10500E-002	8.00000E-005	1.30000E-003	1.20000E-003	0.00000E+000	7.15505E+000	7.15505E+000	2.31000E-003	0.00000E+000	7.21290E+000
Rollers	2.78000E-003	2.92700E-002	3.69500E-002	5.00000E-005	1.49000E-003	1.37000E-003	0.00000E+000	4.61000E+000	4.61000E+000	1.49000E-003	0.00000E+000	4.64728E+000
Rubber Tired Dozers	2.41200E-002	2.47250E-001	1.10740E-001	3.10000E-004	1.09200E-002	1.00400E-002	0.00000E+000	2.73828E+001	2.73828E+001	8.86000E-003	0.00000E+000	2.76042E+001
Scrapers	1.53900E-002	1.49870E-001	1.22400E-001	3.30000E-004	5.90000E-003	5.43000E-003	0.00000E+000	2.93094E+001	2.93094E+001	9.48000E-003	0.00000E+000	2.95463E+001
Skid Steer Loaders	6.23000E-003	8.30000E-002	1.40920E-001	2.10000E-004	2.61000E-003	2.40000E-003	0.00000E+000	1.85524E+001	1.85524E+001	6.00000E-003	0.00000E+000	1.87024E+001
Tractors/Loaders/Backhoes	8.75900E-002	8.85460E-001	1.43247E+000	2.00000E-003	3.77800E-002	3.47600E-002	0.00000E+000	1.75928E+002	1.75928E+002	5.69000E-002	0.00000E+000	1.77351E+002
Welders	5.42900E-002	3.23580E-001	3.93850E-001	6.10000E-004	1.05700E-002	1.05700E-002	0.00000E+000	4.47024E+001	4.47024E+001	4.41000E-003	0.00000E+000	4.48127E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	5.42000E-003	1.05450E-001	1.82320E-001	3.00000E-004	3.90000E-004	3.90000E-004	0.00000E+000	2.54048E+001	2.54048E+001	1.42000E-003	0.00000E+000	2.54405E+001
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	1.61700E-002	2.60720E-001	5.25490E-001	9.90000E-004	1.62000E-003	1.62000E-003	0.00000E+000	8.67213E+001	8.67213E+001	2.80500E-002	0.00000E+000	8.74225E+001
Excavators	1.40000E-003	5.00900E-002	8.62000E-002	1.10000E-004	1.90000E-004	1.90000E-004	0.00000E+000	9.98493E+000	9.98493E+000	3.23000E-003	0.00000E+000	1.00657E+001
Forklifts	2.31400E-002	4.50120E-001	7.78250E-001	1.02000E-003	1.68000E-003	1.68000E-003	0.00000E+000	8.99751E+001	8.99751E+001	2.91000E-002	0.00000E+000	9.07026E+001
Generator Sets	2.85800E-002	5.56030E-001	9.61360E-001	1.56000E-003	2.08000E-003	2.08000E-003	0.00000E+000	1.33954E+002	1.33954E+002	5.11000E-003	0.00000E+000	1.34082E+002
Graders	1.19000E-003	1.91900E-002	3.86700E-002	7.00000E-005	1.20000E-004	1.20000E-004	0.00000E+000	6.39017E+000	6.39017E+000	2.07000E-003	0.00000E+000	6.44183E+000
Pavers	1.16000E-003	4.14100E-002	7.12600E-002	9.00000E-005	1.50000E-004	1.50000E-004	0.00000E+000	8.25602E+000	8.25602E+000	2.67000E-003	0.00000E+000	8.32277E+000
Paving Equipment	1.01000E-003	3.60400E-002	6.20200E-002	8.00000E-005	1.30000E-004	1.30000E-004	0.00000E+000	7.15504E+000	7.15504E+000	2.31000E-003	0.00000E+000	7.21289E+000
Rollers	1.18000E-003	2.29500E-002	3.96800E-002	5.00000E-005	9.00000E-005	9.00000E-005	0.00000E+000	4.61000E+000	4.61000E+000	1.49000E-003	0.00000E+000	4.64727E+000
Rubber Tired Dozers	5.09000E-003	8.20500E-002	1.65370E-001	3.10000E-004	5.10000E-004	5.10000E-004	0.00000E+000	2.73827E+001	2.73827E+001	8.86000E-003	0.00000E+000	2.76041E+001
Scrapers	5.47000E-003	8.81700E-002	1.77720E-001	3.30000E-004	5.50000E-004	5.50000E-004	0.00000E+000	2.93093E+001	2.93093E+001	9.48000E-003	0.00000E+000	2.95463E+001
Skid Steer Loaders	5.19000E-003	1.18550E-001	1.60080E-001	2.10000E-004	4.85000E-003	4.85000E-003	0.00000E+000	1.85524E+001	1.85524E+001	6.00000E-003	0.00000E+000	1.87024E+001
Tractors/Loaders/Balckhoes	4.47200E-002	8.69990E-001	1.50419E+000	2.00000E-003	3.25000E-003	3.25000E-003	0.00000E+000	1.75928E+002	1.75928E+002	5.69000E-002	0.00000E+000	1.77350E+002
Welders	1.04000E-002	3.94520E-001	3.55500E-001	6.10000E-004	1.11000E-002	1.11000E-002	0.00000E+000	4.47024E+001	4.47024E+001	4.41000E-003	0.00000E+000	4.48126E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	6.93265E-001	1.13940E-001	-1.24951E-002	0.00000E+000	9.32174E-001	9.32174E-001	0.00000E+000	1.18088E-006	1.18088E-006	0.00000E+000	0.00000E+000	1.17922E-006
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.05411E-001	5.38671E-001	-7.48370E-001	0.00000E+000	9.32274E-001	9.26397E-001	0.00000E+000	1.15312E-006	1.15312E-006	0.00000E+000	0.00000E+000	1.14387E-006
Excavators	6.29630E-001	-7.63732E-001	-2.01896E-001	0.00000E+000	8.63309E-001	8.51563E-001	0.00000E+000	2.00301E-006	2.00301E-006	0.00000E+000	0.00000E+000	9.93475E-007
Forklifts	6.17204E-001	2.08246E-001	-2.23988E-002	0.00000E+000	9.46785E-001	9.42149E-001	0.00000E+000	1.22256E-006	1.22256E-006	0.00000E+000	0.00000E+000	1.10250E-006
Generator Sets	5.58678E-001	4.27305E-002	-1.07928E-001	0.00000E+000	9.13152E-001	9.13152E-001	0.00000E+000	1.19444E-006	1.19444E-006	0.00000E+000	0.00000E+000	1.19330E-006
Graders	6.69444E-001	5.30462E-001	-1.17492E+000	0.00000E+000	9.09091E-001	9.00826E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.55235E-006
Pavers	6.71388E-001	-2.75724E-001	-2.30743E-001	0.00000E+000	9.01316E-001	8.92857E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.20152E-006
Paving Equipment	6.66667E-001	-3.62571E-001	-2.14887E-001	0.00000E+000	9.00000E-001	8.91667E-001	0.00000E+000	1.39761E-006	1.39761E-006	0.00000E+000	0.00000E+000	1.38640E-006
Rollers	5.75540E-001	2.15921E-001	-7.38836E-002	0.00000E+000	9.39597E-001	9.34307E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.15180E-006
Rubber Tired Dozers	7.88972E-001	6.68150E-001	-4.93318E-001	0.00000E+000	9.53297E-001	9.49203E-001	0.00000E+000	1.46077E-006	1.46077E-006	0.00000E+000	0.00000E+000	1.08679E-006
Scrapers	6.44574E-001	4.11690E-001	-4.51961E-001	0.00000E+000	9.06780E-001	8.98711E-001	0.00000E+000	1.36475E-006	1.36475E-006	0.00000E+000	0.00000E+000	1.35381E-006
Skid Steer Loaders	1.66934E-001	-4.28313E-001	-1.35964E-001	0.00000E+000	-8.58238E-001	-1.02083E+000	0.00000E+000	1.61704E-006	1.61704E-006	0.00000E+000	0.00000E+000	1.06938E-006
Tractors/Loaders/Balckhoes	4.89439E-001	1.74711E-002	-5.00674E-002	0.00000E+000	9.13976E-001	9.06502E-001	0.00000E+000	1.19367E-006	1.19367E-006	0.00000E+000	0.00000E+000	1.18410E-006
Welders	8.08436E-001	-2.19235E-001	9.73721E-002	0.00000E+000	-5.01419E-002	-5.01419E-002	0.00000E+000	1.11851E-006	1.11851E-006	0.00000E+000	0.00000E+000	1.33891E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction
			30.00	
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction
			0.00	

Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating - City Park (P3 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - City Park (P3 Scenic)	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Architectural Coating - User Defined (Fire Station)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - User Defined (Fire Station)	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Architectural Coating - Recreational Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Recreational Swimming Pool	Roads	0.03	0.00	0.01	0.00	0.55	0.52
Architectural Coating - User Defined (Retail Commercial Mix)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - User Defined (Retail Commercial Mix)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Architectural Coating -City Park (P2 Village Green)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating -City Park (P2 Village Green)	Roads	0.03	0.00	0.01	0.00	0.55	0.53
Building Construction - City Park (P3 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - City Park (P3 Scenic)	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Building Construction - User Defined (Fire Station)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - User Defined (Fire Station)	Roads	0.34	0.04	0.15	0.02	0.56	0.53
Building Construction - User Defined (Retail Commercial Mix)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - User Defined (Retail Commercial Mix)	Roads	0.23	0.02	0.10	0.01	0.56	0.53

Building Construction -City Park (P2 Village Green)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction -City Park (P2 Village Green)	Roads	0.08	0.01	0.04	0.00	0.55	0.53
Building Construction- Recreational Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction- Recreational Swimming Pool	Roads	0.15	0.02	0.07	0.01	0.56	0.53
Grading - City Park (P3 Scenic)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading - City Park (P3 Scenic)	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Grading - City Park (P4 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Grading - City Park (P4 Scenic)	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading - City Park (Private Park Central)	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Grading - City Park (Private Park Central)	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Grading - User Defined (Fire Station)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Grading - User Defined (Fire Station)	Roads	0.01	0.00	0.00	0.00	0.56	0.53
Grading - User Defined (Retail Commercial Mix)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Grading - User Defined (Retail Commercial Mix)	Roads	0.00	0.00	0.00	0.00	0.55	0.53
Grading- City Park (P1 Village Green)	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Grading- City Park (P1 Village Green)	Roads	0.00	0.00	0.00	0.00	0.55	0.53
Grading -City Park (P2 Village Green)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading -City Park (P2 Village Green)	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Grading- Recreational Swimming Pool	Fugitive Dust	0.01	0.01	0.00	0.00	0.61	0.61
Grading- Recreational Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.55	0.52
Landscaping - City Park (P1 Village Green)	Fugitive Dust	0.16	0.09	0.06	0.03	0.61	0.61
Landscaping - City Park (P1 Village Green)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Landscaping - City Park (P4 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

Landscaping - City Park (P4 Scenic)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Landscaping - City Park (Private Park Central)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping - City Park (Private Park Central)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Landscaping - User Defined (Fire Station)	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61
Landscaping - User Defined (Fire Station)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Landscaping- Recreational Swimming Pool	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
Landscaping- Recreational Swimming Pool	Roads	0.02	0.00	0.01	0.00	0.55	0.53
Paving - City Park (P3 Scenic)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - City Park (P3 Scenic)	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Paving - User Defined (Fire Station)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - User Defined (Fire Station)	Roads	0.01	0.00	0.01	0.00	0.55	0.53
Paving - User Defined (Retail Commercial Mix)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving - User Defined (Retail Commercial Mix)	Roads	0.01	0.00	0.00	0.00	0.56	0.53
Paving -City Park (P2 Village Green)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving -City Park (P2 Village Green)	Roads	0.01	0.00	0.00	0.00	0.55	0.53
Site Preparation - City Park (P1 Village Green)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (P1 Village Green)	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Site Preparation - City Park (P2 Village Green)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (P2 Village Green)	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Site Preparation - City Park (P3 Scenic)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (P3 Scenic)	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Site Preparation - City Park (P4 Scenic)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (P4 Scenic)	Roads	0.00	0.00	0.00	0.00	0.56	0.53

Site Preparation - City Park (Private Park Central)	Fugitive Dust	0.02	0.01	0.01	0.00	0.61	0.61
Site Preparation - City Park (Private Park Central)	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Site Preparation - Recreational Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.61	0.61
Site Preparation - Recreational Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Site Preparation - User Defined (Fire Station)	Fugitive Dust	0.04	0.02	0.01	0.01	0.61	0.61
Site Preparation - User Defined (Fire Station)	Roads	0.00	0.00	0.00	0.00	0.55	0.54
Site Preparation - User Defined (Retail Commercial Mix)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Site Preparation - User Defined (Retail Commercial Mix)	Roads	0.00	0.00	0.00	0.00	0.55	0.50

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	-139.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting: Low Density Suburban

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.28	0.61		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			

No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"	3.00		
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00	2.00	
No	Commute	Provide Ride Sharing Program	5.00		
	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
Yes	Use Low VOC Paint (Non-residential Interior)	150.00
Yes	Use Low VOC Paint (Non-residential Exterior)	150.00
Yes	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00

No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	

No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - Central Village Non- Residential	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Apr-23	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2027	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	441.1	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
Project Characteristics

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
Site Preparation - Recreational Swimming	Site Preparation	1-Apr-23	3-Apr-23	5	1
Grading- Recreational Swimming Pool	Grading	4-Apr-23	6-Apr-23	5	3
Building Construction- Recreational Swimming	Building Construction	7-Apr-23	31-Jul-23	5	82
Architectural Coating - Recreational Swimming	Architectural Coating	1-Jun-23	31-Jul-23	5	43
Landscaping- Recreational Swimming Pool	Site Preparation	1-Jul-23	31-Jul-23	5	21
Paving - City Park (P3 Scenic)	Paving	24-Apr-24	30-Apr-24	5	5
Site Preparation - City Park (P3 Scenic)	Site Preparation	1-May-24	2-May-24	5	2
Grading - City Park (P3 Scenic)	Grading	3-May-24	7-May-24	5	3
Building Construction - City Park (P3 Scenic)	Building Construction	8-May-24	2-Sep-24	5	84
Architectural Coating - City Park (P3 Scenic)	Architectural Coating	1-Jul-24	31-Aug-24	5	45
Site Preparation - City Park (P4 Scenic)	Site Preparation	1-Aug-24	2-Aug-24	5	2
Grading - City Park (P4 Scenic)	Grading	3-Aug-24	3-Aug-24	5	0
Landscaping - City Park (P4 Scenic)	Building Construction	4-Aug-24	30-Aug-24	5	20
Paving -City Park (P2 Village Green)	Paving	24-Apr-25	30-Apr-25	5	5
Site Preparation - City Park (P2 Village Green)	Site Preparation	1-May-25	2-May-25	5	2
Grading -City Park (P2 Village Green)	Grading	3-May-25	6-May-25	5	2
Building Construction -City Park (P2 Village Green)	Building Construction	7-May-25	29-Aug-25	5	83

CalEEMod Input Sheet
Construction Phase

Site Preparation - User Defined (Retail Commercial)	Site Preparation	1-Jun-25	3-Jun-25	5	2
Grading - User Defined (Retail Commercial Mix)	Grading	4-Jun-25	10-Jun-25	5	5
Building Construction - User Defined (Retail Commercial)	Building Construction	11-Jun-25	1-Dec-25	5	124
Architectural Coating -City Park (P2 Village Green)	Architectural Coating	1-Jul-25	31-Aug-25	5	44
Site Preparation - City Park (P1 Village Green)	Site Preparation	1-Aug-25	4-Aug-25	5	2
Site Preparation - City Park (Private Park Central)	Site Preparation	1-Aug-25	4-Aug-25	5	2
Grading- City Park (P1 Village Green)	Grading	5-Aug-25	5-Aug-25	5	1
Grading - City Park (Private Park Central)	Grading	5-Aug-25	5-Aug-25	5	1
Landscaping - City Park (P1 Village Green)	Site Preparation	6-Aug-25	31-Aug-25	5	18
Landscaping - City Park (Private Park Central)	Building Construction	6-Aug-25	2-Sep-25	5	20
Architectural Coating - User Defined (Retail Commercial)	Architectural Coating	1-Sep-25	30-Sep-25	5	22
Site Preparation - User Defined (Fire Station)	Site Preparation	1-Nov-25	6-Nov-25	5	4
Grading - User Defined (Fire Station)	Grading	7-Nov-25	17-Nov-25	5	7
Building Construction - User Defined (Fire Station)	Building Construction	18-Nov-25	3-Aug-26	5	185
Paving - User Defined (Retail Commercial Mix)	Paving	22-Nov-25	30-Nov-25	5	5

CalEEMod Input Sheet
Construction Phase

Architectural Coating - User Defined (Fire Station)	Architectural Coating	1-Jun-26	31-Jul-26	5	45
Landscaping - User Defined (Fire Station)	Site Preparation	1-Jul-26	31-Jul-26	5	23
Paving - User Defined (Fire Station)	Paving	25-Jul-26	31-Jul-26	5	5

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment

Phase Name	Equipment	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor
Site Preparation - City Park (P1 Village Green)	default				
Grading- City Park (P1 Village Green)					
Landscaping - City Park (P1 Village Green)	Skidsteer	2	default		
Site Preparation - City Park (P2 Village Green)	default				
Grading -City Park (P2 Village Green)					
Building Construction -City Park (P2 Village Green)	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - City Park (P2 Village Green)	default				
Architectural Coating -City Park (P2 Village Green)					
Site Preparation - City Park (P3 Scenic)					
Grading - City Park (P3 Scenic)					
Building Construction - City Park (P3 Scenic)	Forklift	1	default		
	Tractor/Loader/Backhoe	1			
	Welder	1			
Paving - City Park (P3 Scenic)	default				
Architectural Coating - City Park (P3 Scenic)					
Site Preparation - City Park (P4 Scenic)					
Grading - City Park (P4 Scenic)					

CalEEMod Input Sheet
Construction Phase

Landscaping - City Park (P4 Scenic)	Skidsteer	2	default
Site Preparation - User Defined (Fire Station)	default		
Grading - User Defined (Fire Station)			
Building Construction - User Defined (Fire Station)			
Paving - User Defined (Fire Station)			
Architectural Coating - User Defined (Fire Station)			
Landscaping - User Defined (Fire Station)	Skidsteer	2	default
Site Preparation - User Defined (Retail Commercial Mix)	default		
Grading - User Defined (Retail Commercial Mix)			
Building Construction - User Defined (Retail Commercial Mix)			
Paving - User Defined (Retail Commercial Mix)			
Architectural Coating - User Defined (Retail Commercial Mix)			
Site Preparation - Recreational Swimming Pool			
Grading- Recreational Swimming Pool			

CalEEMod Input Sheet
Construction Phase

Building Construction- Recreational Swimming Pool			
Architectural Coating - Recreational Swimming Pool			
Landscaping- Recreational Swimming Pool	Skidsteer	2	default
Site Preparation - City Park (Private Park Central)	default		
Grading - City Park (Private Park Central)			
Landscaping - City Park (Private Park Central)	Skidsteer	2	default

CalEEMod Input Sheet

Construction Phase

Phase Name	Material Imported	Material Exported	Material Import/ Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
--		

Table 7: Dust from Material Movement							
Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	--						
Grading	--						
Notes: All soil export assumed in Central Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
--		

Table 9: Construction Trips and VMT									
Phase Name	# Trips Worker (/day)	# Trips Vendor (/day)	Total # Trips Hauling	Trip Length Worker (miles)	Trip Length Worker (miles)	Trip Length Hauling (miles)	Vehicle Class Worker	Vehicle Class Vendor	Vehicle Class Hauling
Refer to Construction VMT Worksheet									

**CalEEMod Input Sheet
Construction Phase**

Table 10: On-Road Fugitive Dust

Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
--								

Table 11: Architectural Coating

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
Architectural Coating -City Park (P2 Village Green)	N/A	N/A	N/A	N/A	50	630	100	210	100	292,963
Architectural Coating - City Park (P3 Scenic)	N/A	N/A	N/A	N/A	50	630	100	210	100	159,259
Architectural Coating - User Defined (Fire Station)	N/A	N/A	N/A	N/A	50	12,750	100	4,250	100	66,688
Architectural Coating - User Defined (Retail Commercial Mix)	N/A	N/A	N/A	N/A	50	15,000	100	5,000	100	59,052
Architectural Coating - Recreational Swimming Pool	N/A	N/A	N/A	N/A	50	2,250	100	750	100	51,272

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment						
Equipment Type	Fuel Type	Engine Tier	Number of Equipment's Mitigated	Total Number of Off-road Equipment's	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	default
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

Proctor Valley EIR -North Village Residential (P1-4)

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	110.00	Dwelling Unit	53.40	493,570.00	303

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	454.71	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

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Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

Construction Off-road Equipment Mitigation -
Area Mitigation -

Water Mitigation -

Waste Mitigation - Notes: 75% waste diversion consistent with AB 341 (not mitigation)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	54,515.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	60,572.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	45,429.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	60,572.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	163,545.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	181,716.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	136,287.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	181,716.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	60.50	110.00
tblFireplaces	NumberNoFireplace	11.00	0.00
tblFireplaces	NumberWood	38.50	0.00
tblGrading	AcresOfGrading	217.50	275.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	10.00	0.00
tblLandUse	BuildingSpaceSquareFeet	198,000.00	493,570.00
tblLandUse	LandUseSquareFeet	198,000.00	493,570.00
tblLandUse	LotAcreage	35.71	53.40
tblLandUse	Population	315.00	303.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

[illegible]

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		Utilities
tblOffRoadEquipment	PhaseName		Internal Open Space Landscaping
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P2 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P1 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		Utilities
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		Internal Open Space Landscaping
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tblOffRoadEquipment	UsageHours	6.00	8.00

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

[illegible]

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

[illegible]

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	454.71
tblProjectCharacteristics	OperationalYear	2018	2026
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	1,251.00
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	WorkerTripNumber	20.00	6.00
tblTripsAndVMT	WorkerTripNumber	13.00	6.00
tblTripsAndVMT	WorkerTripNumber	40.00	6.00
tblTripsAndVMT	WorkerTripNumber	40.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	2.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	40.00	6.00

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

tblTripsAndVMT	WorkerTripNumber	40.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	2.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	40.00	8.00
tblTripsAndVMT	WorkerTripNumber	40.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	2.00
tblTripsAndVMT	WorkerTripNumber	40.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	6.00
tblTripsAndVMT	WorkerTripNumber	40.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	2.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	5.50	0.00
tblWoodstoves	NumberNoncatalytic	5.50	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.1784	44.0720	34.3192	0.0747	23.8693	1.8231	25.6924	10.1339	1.6773	11.8009	0.0000	7,234.416 2	7,234.416 2	2.3065	0.0000	7,292.079 5
2023	16.7599	18.6688	24.2523	0.0423	5.4495	0.8242	6.1219	0.5676	0.7702	1.2910	0.0000	4,098.850 3	4,098.850 3	1.3004	0.0000	4,131.359 4
2024	17.7198	15.7489	24.3055	0.0388	6.6317	0.7395	7.2530	0.6926	0.6933	1.2759	0.0000	3,743.321 3	3,743.321 3	0.9680	0.0000	3,767.520 6
Maximum	17.7198	44.0720	34.3192	0.0747	23.8693	1.8231	25.6924	10.1339	1.6773	11.8009	0.0000	7,234.416 2	7,234.416 2	2.3065	0.0000	7,292.079 5

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.2374	23.6366	44.4831	0.0747	9.9250	0.1212	10.0462	3.9673	0.1211	4.0399	0.0000	7,234.416 2	7,234.416 2	2.3065	0.0000	7,292.079 5
2023	16.2842	17.4430	30.3097	0.0423	2.4154	0.1744	2.5898	0.2645	0.1743	0.4388	0.0000	4,098.850 3	4,098.850 3	1.3004	0.0000	4,131.359 4
2024	16.6299	15.9057	27.4626	0.0388	2.9108	0.1745	3.0852	0.3183	0.1744	0.4927	0.0000	3,743.321 3	3,743.321 3	0.9680	0.0000	3,767.520 6
Maximum	16.6299	23.6366	44.4831	0.0747	9.9250	0.1745	10.0462	3.9673	0.1744	4.0399	0.0000	7,234.416 2	7,234.416 2	2.3065	0.0000	7,292.079 5

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	11.66	27.40	-23.38	0.00	57.58	86.12	59.76	60.07	85.04	65.40	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.1058	1.9291	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863
Energy	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Mobile	1.4032	5.6849	16.6833	0.0634	6.6576	0.0498	6.7073	1.7789	0.0463	1.8252		6,474.4135	6,474.4135	0.3222		6,482.4688
Total	13.5952	8.3501	26.8395	0.0802	6.6576	0.3071	6.9647	1.7789	0.3036	2.0825	0.0000	9,759.7309	9,759.7309	0.4005	0.0599	9,787.6032

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.5866	1.9291	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863
Energy	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Mobile	1.4032	5.6849	16.6833	0.0634	6.6576	0.0498	6.7073	1.7789	0.0463	1.8252		6,474.4135	6,474.4135	0.3222		6,482.4688
Total	15.0759	8.3501	26.8395	0.0802	6.6576	0.3071	6.9647	1.7789	0.3036	2.0825	0.0000	9,759.7309	9,759.7309	0.4005	0.0599	9,787.6032

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	-10.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2022	6/30/2022	5	22	
2	Grading	Grading	7/1/2022	10/31/2022	5	87	
3	Utilities	Site Preparation	10/1/2022	3/31/2023	5	130	
4	Internal Open Space Landscaping	Site Preparation	1/1/2023	2/28/2023	5	42	
5	P1 Paving	Paving	1/1/2023	1/31/2023	5	22	
6	P1 Site Preparation (mo. 1)	Site Preparation	2/1/2023	2/28/2023	5	20	
7	P1 Building Construction 1 (mo. 2 -4)	Building Construction	3/1/2023	5/31/2023	5	66	
8	P1 Architectural Coating	Architectural Coating	4/1/2023	5/31/2023	5	43	
9	P2 Paving	Paving	5/1/2023	5/31/2023	5	23	
10	P2 Site Preparation (mo. 1)	Site Preparation	6/1/2023	6/30/2023	5	22	
11	P1 Building Construction 2 (mo. 5)	Building Construction	6/1/2023	6/30/2023	5	22	
12	P2 Building Construction 1 (mo. 2 -4)	Building Construction	7/1/2023	9/30/2023	5	65	
13	P2 Architectural Coating	Architectural Coating	8/1/2023	9/30/2023	5	44	
14	P3 Paving	Paving	9/1/2023	9/30/2023	5	21	
15	P3 Site Preparation (mo. 1)	Site Preparation	10/1/2023	10/31/2023	5	22	
16	P2 Building Construction 2 (mo. 5)	Building Construction	10/1/2023	10/31/2023	5	22	
17	P3 Building Construction 1 (mo. 2 -4)	Building Construction	11/1/2023	1/31/2024	5	66	
18	P3 Architectural Coating	Architectural Coating	12/1/2023	1/31/2024	5	44	
19	P4 Paving	Paving	1/1/2024	1/31/2024	5	23	
20	P4 Site Preparation (mo. 1)	Site Preparation	2/1/2024	2/28/2024	5	20	
21	P3 Building Construction 2 (mo. 5)	Building Construction	2/1/2024	2/28/2024	5	20	
22	P4 Building Construction 1 (mo. 2 -4)	Building Construction	3/1/2024	5/31/2024	5	66	
23	P4 Architectural Coating	Architectural Coating	4/1/2024	5/31/2024	5	45	
24	P4 Building Construction 2 (mo. 5)	Building Construction	6/1/2024	6/30/2024	5	20	

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 275****Acres of Paving: 0****Residential Indoor: 163,545; Residential Outdoor: 54,515; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Utilities	Excavators	1	8.00	158	0.38
Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Internal Open Space Landscaping	Excavators	1	8.00	158	0.38
Internal Open Space Landscaping	Skid Steer Loaders	1	8.00	65	0.37
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36
P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36
P4 Paving	Rollers	2	8.00	80	0.38
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	6.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	8.00	0.00	1,251.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Utilities	2	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Internal Open Space Landscaping	2	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Paving	6	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	5	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2)	2	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	6	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	4	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2)	2	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	6	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	4	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2)	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	6	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2)	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667		4,284.393 1	4,284.393 1	1.3857		4,319.034 6
Total	3.5461	36.8986	23.7180	0.0442	18.0663	1.8116	19.8779	9.9307	1.6667	11.5974		4,284.393 1	4,284.393 1	1.3857		4,319.034 6

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.2 Site Preparation - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0223	0.0138	0.1388	4.4000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		44.1915	44.1915	1.2100e-003		44.2217
Total	0.0223	0.0138	0.1388	4.4000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		44.1915	44.1915	1.2100e-003		44.2217

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0442		0.0723	0.0723		0.0723	0.0723	0.0000	4,284.393 1	4,284.393 1	1.3857		4,319.034 6
Total	0.7732	14.9013	27.6742	0.0442	7.0458	0.0723	7.1181	3.8730	0.0723	3.9452	0.0000	4,284.393 1	4,284.393 1	1.3857		4,319.034 6

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.2 Site Preparation - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0223	0.0138	0.1388	4.4000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		44.1915	44.1915	1.2100e-003		44.2217
Total	0.0223	0.0138	0.1388	4.4000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		44.1915	44.1915	1.2100e-003		44.2217

3.3 Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3742	0.0000	9.3742	3.6722	0.0000	3.6722			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	9.3742	1.6349	11.0091	3.6722	1.5041	5.1763		6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.3 Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0151	0.3989	0.2137	2.8000e-004	10.5836	1.7000e-004	10.5837	1.0570	1.6000e-004	1.0571		28.9430	28.9430	2.3100e-003		29.0007
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0449	0.4173	0.3988	8.7000e-004	13.1912	6.1000e-004	13.1918	1.3279	5.7000e-004	1.3285		87.8651	87.8651	3.9200e-003		87.9630

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6560	0.0000	3.6560	1.4322	0.0000	1.4322			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	1.0110	19.2707	36.7226	0.0621	3.6560	0.1015	3.7575	1.4322	0.1015	1.5337	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.3 Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0151	0.3989	0.2137	2.8000e-004	4.5374	1.7000e-004	4.5376	0.4530	1.6000e-004	0.4532		28.9430	28.9430	2.3100e-003		29.0007
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0449	0.4173	0.3988	8.7000e-004	5.6919	6.1000e-004	5.6925	0.5788	5.7000e-004	0.5793		87.8651	87.8651	3.9200e-003		87.9630

3.4 Utilities - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.4938	4.8020	4.7864	0.0114	0.0000	0.1874	0.1874	0.0000	0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.4 Utilities - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.4 Utilities - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811

3.4 Utilities - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Total	0.4592	4.2033	4.7675	0.0114	0.0000	0.1647	0.1647	0.0000	0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.4 Utilities - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.4 Utilities - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542

3.5 Internal Open Space Landscaping - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2538	2.4133	4.6432	7.2400e-003		0.1051	0.1051		0.0967	0.0967		700.5919	700.5919	0.2266		706.2565
Total	0.2538	2.4133	4.6432	7.2400e-003	0.0000	0.1051	0.1051	0.0000	0.0967	0.0967		700.5919	700.5919	0.2266		706.2565

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.5 Internal Open Space Landscaping - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1144	3.4389	5.4875	7.2400e-003		0.0560	0.0560		0.0560	0.0560	0.0000	700.5919	700.5919	0.2266		706.2565
Total	0.1144	3.4389	5.4875	7.2400e-003	0.0000	0.0560	0.0560	0.0000	0.0560	0.0560	0.0000	700.5919	700.5919	0.2266		706.2565

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.5 Internal Open Space Landscaping - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542

3.6 P1 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.6 P1 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.6 P1 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542

3.7 P1 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.7 P1 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	2.3988	5.2000e-004	2.3993	0.2499	4.8000e-004	0.2504		97.3176	97.3176	5.0000e-003		97.4426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.7 P1 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	1.0634	5.2000e-004	1.0639	0.1165	4.8000e-004	0.1170		97.3176	97.3176	5.0000e-003		97.4426

3.8 P1 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.8 P1 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	2.3988	5.2000e-004	2.3993	0.2499	4.8000e-004	0.2504		97.3176	97.3176	5.0000e-003		97.4426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.8 P1 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	1.0634	5.2000e-004	1.0639	0.1165	4.8000e-004	0.1170		97.3176	97.3176	5.0000e-003		97.4426

3.9 P1 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.6905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	15.2016	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.9 P1 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.6905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	14.8358	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.9 P1 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771

3.10 P2 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.10 P2 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.10 P2 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542

3.11 P2 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.11 P2 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	2.3988	5.2000e-004	2.3993	0.2499	4.8000e-004	0.2504		97.3176	97.3176	5.0000e-003		97.4426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.11 P2 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	1.0634	5.2000e-004	1.0639	0.1165	4.8000e-004	0.1170		97.3176	97.3176	5.0000e-003		97.4426

3.12 P1 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.12 P1 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	2.3988	5.2000e-004	2.3993	0.2499	4.8000e-004	0.2504		97.3176	97.3176	5.0000e-003		97.4426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.12 P1 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	1.0634	5.2000e-004	1.0639	0.1165	4.8000e-004	0.1170		97.3176	97.3176	5.0000e-003		97.4426

3.13 P2 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.13 P2 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	2.3988	5.2000e-004	2.3993	0.2499	4.8000e-004	0.2504		97.3176	97.3176	5.0000e-003		97.4426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.13 P2 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	1.0634	5.2000e-004	1.0639	0.1165	4.8000e-004	0.1170		97.3176	97.3176	5.0000e-003		97.4426

3.14 P2 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.9638					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	12.4749	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.14 P2 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.9638					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	12.1091	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.14 P2 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771

3.15 P3 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.15 P3 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.15 P3 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542

3.16 P3 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.16 P3 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0328	0.1676	0.2210	1.0800e-003	3.0507	6.3000e-004	3.0513	0.3177	5.8000e-004	0.3182		111.4856	111.4856	5.3700e-003		111.6197

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.16 P3 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0328	0.1676	0.2210	1.0800e-003	1.3520	6.3000e-004	1.3526	0.1480	5.8000e-004	0.1485		111.4856	111.4856	5.3700e-003		111.6197

3.17 P2 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.17 P2 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	2.3988	5.2000e-004	2.3993	0.2499	4.8000e-004	0.2504		97.3176	97.3176	5.0000e-003		97.4426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.17 P2 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	1.0634	5.2000e-004	1.0639	0.1165	4.8000e-004	0.1170		97.3176	97.3176	5.0000e-003		97.4426

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0328	0.1676	0.2210	1.0800e-003	3.0507	6.3000e-004	3.0513	0.3177	5.8000e-004	0.3182		111.4856	111.4856	5.3700e-003		111.6197

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0328	0.1676	0.2210	1.0800e-003	1.3520	6.3000e-004	1.3526	0.1480	5.8000e-004	0.1485		111.4856	111.4856	5.3700e-003		111.6197

3.18 P3 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.18 P3 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	3.0507	6.1000e-004	3.0513	0.3177	5.6000e-004	0.3182		108.9123	108.9123	5.2000e-003		109.0422

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.18 P3 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	1.3520	6.1000e-004	1.3526	0.1480	5.6000e-004	0.1485		108.9123	108.9123	5.2000e-003		109.0422

3.19 P3 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	16.4629	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.19 P3 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	16.0970	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.19 P3 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771

3.19 P3 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	16.4338	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.19 P3 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	16.0970	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.19 P3 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187

3.20 P4 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.20 P4 Paving - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.20 P4 Paving - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374

3.21 P4 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	1.1216	11.0883	9.6613	0.0194	0.5303	0.5115	1.0418	0.0573	0.4811	0.5384		1,841.7857	1,841.7857	0.4105		1,852.0477

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.21 P4 Site Preparation (mo. 1) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	3.0507	6.1000e-004	3.0513	0.3177	5.6000e-004	0.3182		108.9123	108.9123	5.2000e-003		109.0422

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.21 P4 Site Preparation (mo. 1) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	1.3520	6.1000e-004	1.3526	0.1480	5.6000e-004	0.1485		108.9123	108.9123	5.2000e-003		109.0422

3.22 P3 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.22 P3 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	3.0507	6.1000e-004	3.0513	0.3177	5.6000e-004	0.3182		108.9123	108.9123	5.2000e-003		109.0422

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.22 P3 Building Construction 2 (mo. 5) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	1.3520	6.1000e-004	1.3526	0.1480	5.6000e-004	0.1485		108.9123	108.9123	5.2000e-003		109.0422

3.23 P4 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.23 P4 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	3.0507	6.1000e-004	3.0513	0.3177	5.6000e-004	0.3182		108.9123	108.9123	5.2000e-003		109.0422

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.23 P4 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	1.3520	6.1000e-004	1.3526	0.1480	5.6000e-004	0.1485		108.9123	108.9123	5.2000e-003		109.0422

3.24 P4 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.5973					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	16.0793	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.24 P4 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.5973					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	15.7426	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.24 P4 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187

3.25 P4 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.25 P4 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	3.0507	6.1000e-004	3.0513	0.3177	5.6000e-004	0.3182		108.9123	108.9123	5.2000e-003		109.0422

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

3.25 P4 Building Construction 2 (mo. 5) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	1.3520	6.1000e-004	1.3526	0.1480	5.6000e-004	0.1485		108.9123	108.9123	5.2000e-003		109.0422

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4032	5.6849	16.6833	0.0634	6.6576	0.0498	6.7073	1.7789	0.0463	1.8252		6,474.4135	6,474.4135	0.3222		6,482.4688
Unmitigated	1.4032	5.6849	16.6833	0.0634	6.6576	0.0498	6.7073	1.7789	0.0463	1.8252		6,474.4135	6,474.4135	0.3222		6,482.4688

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	1,100.00	1,100.00	1100.00	3,140,834	3,140,834
Total	1,100.00	1,100.00	1,100.00	3,140,834	3,140,834

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908

5.0 Energy Detail

Historical Energy Use: N

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
NaturalGas Unmitigated	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	7986.3	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Total		0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	7.9863	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Total		0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.5866	1.9291	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863
Unmitigated	12.1058	1.9291	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.0577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2135	1.8247	0.7765	0.0117		0.1475	0.1475		0.1475	0.1475	0.0000	2,329.4118	2,329.4118	0.0447	0.0427	2,343.2543
Landscaping	0.2722	0.1044	9.0665	4.8000e-004		0.0503	0.0503		0.0503	0.0503		16.3408	16.3408	0.0157		16.7320
Total	12.1058	1.9292	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2135	1.8247	0.7765	0.0117		0.1475	0.1475		0.1475	0.1475	0.0000	2,329.4118	2,329.4118	0.0447	0.0427	2,343.2543
Landscaping	0.2722	0.1044	9.0665	4.8000e-004		0.0503	0.0503		0.0503	0.0503		16.3408	16.3408	0.0157		16.7320
Total	13.5866	1.9292	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

Proctor Valley EIR -North Village Residential (P1-4)

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	110.00	Dwelling Unit	53.40	493,570.00	303

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	454.71	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

Construction Off-road Equipment Mitigation -
Area Mitigation -

Water Mitigation -

Waste Mitigation - Notes: 75% waste diversion consistent with AB 341 (not mitigation)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	54,515.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	60,572.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	45,429.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	60,572.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	163,545.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	181,716.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	136,287.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	181,716.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	60.50	110.00
tblFireplaces	NumberNoFireplace	11.00	0.00
tblFireplaces	NumberWood	38.50	0.00
tblGrading	AcresOfGrading	217.50	275.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	10.00	0.00
tblLandUse	BuildingSpaceSquareFeet	198,000.00	493,570.00
tblLandUse	LandUseSquareFeet	198,000.00	493,570.00
tblLandUse	LotAcreage	35.71	53.40
tblLandUse	Population	315.00	303.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

[illegible]

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		Utilities
tblOffRoadEquipment	PhaseName		Internal Open Space Landscaping
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

tbloffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName		P2 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName		P3 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName		P4 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName		P1 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName		Utilities
tbloffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P1 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName		Internal Open Space Landscaping
tbloffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tbloffRoadEquipment	UsageHours	6.00	8.00

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

[illegible]

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	454.71
tblProjectCharacteristics	OperationalYear	2018	2026
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	1,251.00
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	12.00	2.00
tblTripsAndVMT	WorkerTripNumber	20.00	6.00
tblTripsAndVMT	WorkerTripNumber	13.00	6.00
tblTripsAndVMT	WorkerTripNumber	40.00	6.00
tblTripsAndVMT	WorkerTripNumber	40.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	2.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	40.00	6.00

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

tblTripsAndVMT	WorkerTripNumber	40.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	2.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	8.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	40.00	8.00
tblTripsAndVMT	WorkerTripNumber	40.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	2.00
tblTripsAndVMT	WorkerTripNumber	40.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	6.00
tblTripsAndVMT	WorkerTripNumber	40.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	2.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	5.50	0.00
tblWoodstoves	NumberNoncatalytic	5.50	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.1720	44.0675	34.3142	0.0747	23.8693	1.8231	25.6924	10.1339	1.6773	11.8009	0.0000	7,240.837 4	7,240.837 4	2.3065	0.0000	7,298.499 8
2023	16.7553	18.6663	24.2698	0.0424	5.4495	0.8242	6.1219	0.5676	0.7702	1.2910	0.0000	4,104.390 8	4,104.390 8	1.3005	0.0000	4,136.903 3
2024	17.7136	15.7466	24.3209	0.0388	6.6317	0.7395	7.2530	0.6926	0.6933	1.2758	0.0000	3,750.957 0	3,750.957 0	0.9679	0.0000	3,775.155 1
Maximum	17.7136	44.0675	34.3142	0.0747	23.8693	1.8231	25.6924	10.1339	1.6773	11.8009	0.0000	7,240.837 4	7,240.837 4	2.3065	0.0000	7,298.499 8

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	1.2311	23.6321	44.4781	0.0747	9.9250	0.1212	10.0462	3.9673	0.1211	4.0399	0.0000	7,240.837 4	7,240.837 4	2.3065	0.0000	7,298.499 8
2023	16.2796	17.4402	30.3272	0.0424	2.4154	0.1744	2.5897	0.2645	0.1743	0.4388	0.0000	4,104.390 8	4,104.390 8	1.3005	0.0000	4,136.903 3
2024	16.6237	15.9034	27.4780	0.0388	2.9108	0.1745	3.0852	0.3183	0.1744	0.4926	0.0000	3,750.957 0	3,750.957 0	0.9679	0.0000	3,775.155 1
Maximum	16.6237	23.6321	44.4781	0.0747	9.9250	0.1745	10.0462	3.9673	0.1744	4.0399	0.0000	7,240.837 4	7,240.837 4	2.3065	0.0000	7,298.499 8

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	11.66	27.40	-23.37	0.00	57.58	86.12	59.76	60.07	85.04	65.40	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.1058	1.9291	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863
Energy	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Mobile	1.4525	5.5441	17.0834	0.0668	6.6576	0.0496	6.7072	1.7789	0.0461	1.8250		6,816.4115	6,816.4115	0.3211		6,824.4398
Total	13.6444	8.2092	27.2396	0.0836	6.6576	0.3070	6.9645	1.7789	0.3035	2.0823	0.0000	10,101.7289	10,101.7289	0.3994	0.0599	10,129.5743

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.5866	1.9291	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863
Energy	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Mobile	1.4525	5.5441	17.0834	0.0668	6.6576	0.0496	6.7072	1.7789	0.0461	1.8250		6,816.4115	6,816.4115	0.3211		6,824.4398
Total	15.1252	8.2092	27.2396	0.0836	6.6576	0.3070	6.9645	1.7789	0.3035	2.0823	0.0000	10,101.7289	10,101.7289	0.3994	0.0599	10,129.5743

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	-10.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	6/1/2022	6/30/2022	5	22	
2	Grading	Grading	7/1/2022	10/31/2022	5	87	
3	Utilities	Site Preparation	10/1/2022	3/31/2023	5	130	
4	Internal Open Space Landscaping	Site Preparation	1/1/2023	2/28/2023	5	42	
5	P1 Paving	Paving	1/1/2023	1/31/2023	5	22	
6	P1 Site Preparation (mo. 1)	Site Preparation	2/1/2023	2/28/2023	5	20	
7	P1 Building Construction 1 (mo. 2 -4)	Building Construction	3/1/2023	5/31/2023	5	66	
8	P1 Architectural Coating	Architectural Coating	4/1/2023	5/31/2023	5	43	
9	P2 Paving	Paving	5/1/2023	5/31/2023	5	23	
10	P2 Site Preparation (mo. 1)	Site Preparation	6/1/2023	6/30/2023	5	22	
11	P1 Building Construction 2 (mo. 5)	Building Construction	6/1/2023	6/30/2023	5	22	
12	P2 Building Construction 1 (mo. 2 -4)	Building Construction	7/1/2023	9/30/2023	5	65	
13	P2 Architectural Coating	Architectural Coating	8/1/2023	9/30/2023	5	44	
14	P3 Paving	Paving	9/1/2023	9/30/2023	5	21	
15	P3 Site Preparation (mo. 1)	Site Preparation	10/1/2023	10/31/2023	5	22	
16	P2 Building Construction 2 (mo. 5)	Building Construction	10/1/2023	10/31/2023	5	22	
17	P3 Building Construction 1 (mo. 2 -4)	Building Construction	11/1/2023	1/31/2024	5	66	
18	P3 Architectural Coating	Architectural Coating	12/1/2023	1/31/2024	5	44	
19	P4 Paving	Paving	1/1/2024	1/31/2024	5	23	
20	P4 Site Preparation (mo. 1)	Site Preparation	2/1/2024	2/28/2024	5	20	
21	P3 Building Construction 2 (mo. 5)	Building Construction	2/1/2024	2/28/2024	5	20	
22	P4 Building Construction 1 (mo. 2 -4)	Building Construction	3/1/2024	5/31/2024	5	66	
23	P4 Architectural Coating	Architectural Coating	4/1/2024	5/31/2024	5	45	
24	P4 Building Construction 2 (mo. 5)	Building Construction	6/1/2024	6/30/2024	5	20	

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 275****Acres of Paving: 0****Residential Indoor: 163,545; Residential Outdoor: 54,515; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0
(Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Other Construction Equipment	1	8.00	172	0.42
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Utilities	Excavators	1	8.00	158	0.38
Utilities	Rubber Tired Loaders	1	8.00	203	0.36
Internal Open Space Landscaping	Excavators	1	8.00	158	0.38
Internal Open Space Landscaping	Skid Steer Loaders	1	8.00	65	0.37
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36
P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36
P4 Paving	Rollers	2	8.00	80	0.38
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	8	6.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	8.00	0.00	1,251.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Utilities	2	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Internal Open Space Landscaping	2	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Paving	6	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	5	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2)	2	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	6	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	5	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	4	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo. 2)	2	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	6	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	4	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2)	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	6	4.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2)	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	2.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.5461	36.8986	23.7180	0.0442		1.8116	1.8116		1.6667	1.6667		4,284.393 1	4,284.393 1	1.3857		4,319.034 6
Total	3.5461	36.8986	23.7180	0.0442	18.0663	1.8116	19.8779	9.9307	1.6667	11.5974		4,284.393 1	4,284.393 1	1.3857		4,319.034 6

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.2 Site Preparation - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0196	0.0123	0.1480	4.7000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		47.0736	47.0736	1.2800e-003		47.1056
Total	0.0196	0.0123	0.1480	4.7000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.1000e-004	0.2035		47.0736	47.0736	1.2800e-003		47.1056

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0442		0.0723	0.0723		0.0723	0.0723	0.0000	4,284.393 1	4,284.393 1	1.3857		4,319.034 6
Total	0.7732	14.9013	27.6742	0.0442	7.0458	0.0723	7.1181	3.8730	0.0723	3.9452	0.0000	4,284.393 1	4,284.393 1	1.3857		4,319.034 6

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.2 Site Preparation - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0196	0.0123	0.1480	4.7000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		47.0736	47.0736	1.2800e-003		47.1056
Total	0.0196	0.0123	0.1480	4.7000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.1000e-004	0.0946		47.0736	47.0736	1.2800e-003		47.1056

3.3 Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3742	0.0000	9.3742	3.6722	0.0000	3.6722			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	9.3742	1.6349	11.0091	3.6722	1.5041	5.1763		6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.3 Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0142	0.3974	0.1904	2.9000e-004	10.5836	1.6000e-004	10.5837	1.0570	1.5000e-004	1.0571		29.6001	29.6001	2.1300e-003		29.6533
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0403	0.4138	0.3877	9.2000e-004	13.1912	6.0000e-004	13.1918	1.3279	5.6000e-004	1.3284		92.3649	92.3649	3.8300e-003		92.4607

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.6560	0.0000	3.6560	1.4322	0.0000	1.4322			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	1.0110	19.2707	36.7226	0.0621	3.6560	0.1015	3.7575	1.4322	0.1015	1.5337	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.3 Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0142	0.3974	0.1904	2.9000e-004	4.5374	1.6000e-004	4.5376	0.4530	1.5000e-004	0.4532		29.6001	29.6001	2.1300e-003		29.6533
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0403	0.4138	0.3877	9.2000e-004	5.6919	6.0000e-004	5.6925	0.5788	5.6000e-004	0.5793		92.3649	92.3649	3.8300e-003		92.4607

3.4 Utilities - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4938	4.8020	4.7864	0.0114		0.1874	0.1874		0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.4938	4.8020	4.7864	0.0114	0.0000	0.1874	0.1874	0.0000	0.1724	0.1724		1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.4 Utilities - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.6796	1,105.6796	0.3576		1,114.6196

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.4 Utilities - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037

3.4 Utilities - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Total	0.4592	4.2033	4.7675	0.0114	0.0000	0.1647	0.1647	0.0000	0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.4 Utilities - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Total	0.1667	3.9394	7.2692	0.0114	0.0000	0.0188	0.0188	0.0000	0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.4 Utilities - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022

3.5 Internal Open Space Landscaping - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2538	2.4133	4.6432	7.2400e-003		0.1051	0.1051		0.0967	0.0967		700.5919	700.5919	0.2266		706.2565
Total	0.2538	2.4133	4.6432	7.2400e-003	0.0000	0.1051	0.1051	0.0000	0.0967	0.0967		700.5919	700.5919	0.2266		706.2565

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.5 Internal Open Space Landscaping - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1144	3.4389	5.4875	7.2400e-003		0.0560	0.0560		0.0560	0.0560	0.0000	700.5919	700.5919	0.2266		706.2565
Total	0.1144	3.4389	5.4875	7.2400e-003	0.0000	0.0560	0.0560	0.0000	0.0560	0.0560	0.0000	700.5919	700.5919	0.2266		706.2565

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.5 Internal Open Space Landscaping - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022

3.6 P1 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.6 P1 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.6 P1 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022

3.7 P1 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.7 P1 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	2.3988	5.1000e-004	2.3993	0.2499	4.7000e-004	0.2504		101.5374	101.5374	4.8700e-003		101.6591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.7 P1 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	1.0634	5.1000e-004	1.0639	0.1165	4.7000e-004	0.1170		101.5374	101.5374	4.8700e-003		101.6591

3.8 P1 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.8 P1 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	2.3988	5.1000e-004	2.3993	0.2499	4.7000e-004	0.2504		101.5374	101.5374	4.8700e-003		101.6591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.8 P1 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	1.0634	5.1000e-004	1.0639	0.1165	4.7000e-004	0.1170		101.5374	101.5374	4.8700e-003		101.6591

3.9 P1 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.6905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	15.2016	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.9 P1 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	14.6905					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	14.8358	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.9 P1 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011

3.10 P2 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.10 P2 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.10 P2 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022

3.11 P2 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.11 P2 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	2.3988	5.1000e-004	2.3993	0.2499	4.7000e-004	0.2504		101.5374	101.5374	4.8700e-003		101.6591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.11 P2 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	1.0634	5.1000e-004	1.0639	0.1165	4.7000e-004	0.1170		101.5374	101.5374	4.8700e-003		101.6591

3.12 P1 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.12 P1 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	2.3988	5.1000e-004	2.3993	0.2499	4.7000e-004	0.2504		101.5374	101.5374	4.8700e-003		101.6591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.12 P1 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	1.0634	5.1000e-004	1.0639	0.1165	4.7000e-004	0.1170		101.5374	101.5374	4.8700e-003		101.6591

3.13 P2 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.13 P2 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	2.3988	5.1000e-004	2.3993	0.2499	4.7000e-004	0.2504		101.5374	101.5374	4.8700e-003		101.6591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.13 P2 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	1.0634	5.1000e-004	1.0639	0.1165	4.7000e-004	0.1170		101.5374	101.5374	4.8700e-003		101.6591

3.14 P2 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.9638					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	12.4749	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.14 P2 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.9638					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	12.1091	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.14 P2 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011

3.15 P3 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.15 P3 Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.15 P3 Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022

3.16 P3 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841
Total	1.1818	11.8719	9.7037	0.0194	0.0000	0.5535	0.5535	0.0000	0.5211	0.5211		1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.16 P3 Site Preparation (mo. 1) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0291	0.1665	0.2283	1.1300e-003	3.0507	6.2000e-004	3.0513	0.3177	5.7000e-004	0.3182		116.6288	116.6288	5.2600e-003		116.7602

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,842.0921	1,842.0921	0.4117		1,852.3841

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.16 P3 Site Preparation (mo. 1) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0291	0.1665	0.2283	1.1300e-003	1.3520	6.2000e-004	1.3526	0.1480	5.7000e-004	0.1485		116.6288	116.6288	5.2600e-003		116.7602

3.17 P2 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.17 P2 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	2.3988	5.1000e-004	2.3993	0.2499	4.7000e-004	0.2504		101.5374	101.5374	4.8700e-003		101.6591

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.17 P2 Building Construction 2 (mo. 5) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	1.0634	5.1000e-004	1.0639	0.1165	4.7000e-004	0.1170		101.5374	101.5374	4.8700e-003		101.6591

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0291	0.1665	0.2283	1.1300e-003	3.0507	6.2000e-004	3.0513	0.3177	5.7000e-004	0.3182		116.6288	116.6288	5.2600e-003		116.7602

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.18 P3 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0291	0.1665	0.2283	1.1300e-003	1.3520	6.2000e-004	1.3526	0.1480	5.7000e-004	0.1485		116.6288	116.6288	5.2600e-003		116.7602

3.18 P3 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.18 P3 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		113.8885	113.8885	5.0800e-003		114.0157

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.18 P3 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		113.8885	113.8885	5.0800e-003		114.0157

3.19 P3 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	16.4629	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.19 P3 Architectural Coating - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	16.0970	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.19 P3 Architectural Coating - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011

3.19 P3 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	16.4338	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.19 P3 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.9518					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	16.0970	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.19 P3 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057

3.20 P4 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.20 P4 Paving - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.20 P4 Paving - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114

3.21 P4 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	1.1216	11.0883	9.6613	0.0194	0.5303	0.5115	1.0418	0.0573	0.4811	0.5384		1,841.7857	1,841.7857	0.4105		1,852.0477

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.21 P4 Site Preparation (mo. 1) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		113.8885	113.8885	5.0800e-003		114.0157

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477
Total	0.3553	6.7247	11.6866	0.0194	0.2068	0.0726	0.2794	0.0223	0.0726	0.0949	0.0000	1,841.7857	1,841.7857	0.4105		1,852.0477

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.21 P4 Site Preparation (mo. 1) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		113.8885	113.8885	5.0800e-003		114.0157

3.22 P3 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.22 P3 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		113.8885	113.8885	5.0800e-003		114.0157

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.22 P3 Building Construction 2 (mo. 5) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		113.8885	113.8885	5.0800e-003		114.0157

3.23 P4 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.23 P4 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		113.8885	113.8885	5.0800e-003		114.0157

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.23 P4 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		113.8885	113.8885	5.0800e-003		114.0157

3.24 P4 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.5973					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	16.0793	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.24 P4 Architectural Coating - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	15.5973					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	15.7426	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.24 P4 Architectural Coating - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057

3.25 P4 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.25 P4 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		113.8885	113.8885	5.0800e-003		114.0157

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

3.25 P4 Building Construction 2 (mo. 5) - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		113.8885	113.8885	5.0800e-003		114.0157

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4525	5.5441	17.0834	0.0668	6.6576	0.0496	6.7072	1.7789	0.0461	1.8250		6,816.4115	6,816.4115	0.3211		6,824.4398
Unmitigated	1.4525	5.5441	17.0834	0.0668	6.6576	0.0496	6.7072	1.7789	0.0461	1.8250		6,816.4115	6,816.4115	0.3211		6,824.4398

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	1,100.00	1,100.00	1100.00	3,140,834	3,140,834
Total	1,100.00	1,100.00	1,100.00	3,140,834	3,140,834

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908

5.0 Energy Detail

Historical Energy Use: N

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
NaturalGas Unmitigated	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	7986.3	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Total		0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	7.9863	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Total		0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.5866	1.9291	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863
Unmitigated	12.1058	1.9291	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.0577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2135	1.8247	0.7765	0.0117		0.1475	0.1475		0.1475	0.1475	0.0000	2,329.4118	2,329.4118	0.0447	0.0427	2,343.2543
Landscaping	0.2722	0.1044	9.0665	4.8000e-004		0.0503	0.0503		0.0503	0.0503		16.3408	16.3408	0.0157		16.7320
Total	12.1058	1.9292	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863

Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2135	1.8247	0.7765	0.0117		0.1475	0.1475		0.1475	0.1475	0.0000	2,329.4118	2,329.4118	0.0447	0.0427	2,343.2543
Landscaping	0.2722	0.1044	9.0665	4.8000e-004		0.0503	0.0503		0.0503	0.0503		16.3408	16.3408	0.0157		16.7320
Total	13.5866	1.9292	9.8430	0.0121		0.1978	0.1978		0.1978	0.1978	0.0000	2,345.7525	2,345.7525	0.0603	0.0427	2,359.9863

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR -North Village Residential (P1-4) - San Diego County, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR -North Village Residential (P1-4)**San Diego County, Mitigation Report****Construction Mitigation Summary**

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Grading	0.71	0.50	-0.26	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Internal Open Space Landscaping	0.52	-0.42	-0.18	0.00	0.47	0.42	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	0.02	0.19	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.36	-0.09	-0.07	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	0.67	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.69	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.03	0.19	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.36	-0.09	-0.07	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	0.67	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.69	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.02	0.16	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.38	0.01	-0.09	0.00	0.90	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.34	-0.13	-0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	0.67	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.68	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00

P4 Architectural Coating	0.02	0.13	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	0.36	-0.02	-0.09	0.00	0.90	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	0.34	-0.13	-0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	0.65	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.67	0.39	-0.21	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.78	0.60	-0.17	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Utilities	0.63	0.12	-0.51	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	8	8	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Excavators	Diesel	Tier 4 Interim	4	4	No Change	0.00
Graders	Diesel	Tier 4 Interim	5	5	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	8	8	No Change	0.00
Pumps	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rollers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	1	1	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	2	2	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	13	13	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	10	10	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	4	4	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	4.39900E-002	2.98140E-001	4.24920E-001	7.00000E-004	1.57200E-002	1.57200E-002	0.00000E+000	5.99164E+001	5.99164E+001	3.50000E-003	0.00000E+000	6.00039E+001
Cement and Mortar Mixers	4.94000E-003	3.09300E-002	2.59000E-002	6.00000E-005	1.20000E-003	1.20000E-003	0.00000E+000	3.84952E+000	3.84952E+000	4.00000E-004	0.00000E+000	3.85951E+000
Excavators	3.42800E-002	2.95200E-001	5.63280E-001	8.90000E-004	1.43200E-002	1.31800E-002	0.00000E+000	7.84783E+001	7.84783E+001	2.53800E-002	0.00000E+000	7.91128E+001
Graders	3.38700E-002	4.19160E-001	1.45620E-001	5.70000E-004	1.34500E-002	1.23700E-002	0.00000E+000	4.97211E+001	4.97211E+001	1.60800E-002	0.00000E+000	5.01231E+001
Other Construction Equipment	4.14000E-003	4.19700E-002	4.42200E-002	7.00000E-005	2.19000E-003	2.01000E-003	0.00000E+000	5.97077E+000	5.97077E+000	1.93000E-003	0.00000E+000	6.01904E+000
Pavers	1.68900E-002	1.64330E-001	2.56830E-001	4.20000E-004	7.72000E-003	7.10000E-003	0.00000E+000	3.67528E+001	3.67528E+001	1.18900E-002	0.00000E+000	3.70500E+001
Paving Equipment	1.50600E-002	1.40200E-001	2.27850E-001	3.60000E-004	6.81000E-003	6.26000E-003	0.00000E+000	3.18490E+001	3.18490E+001	1.03000E-002	0.00000E+000	3.21065E+001
Pumps	1.35500E-002	1.13880E-001	1.56410E-001	2.80000E-004	5.49000E-003	5.49000E-003	0.00000E+000	2.37387E+001	2.37387E+001	1.08000E-003	0.00000E+000	2.37656E+001
Rollers	1.35000E-002	1.41330E-001	1.64800E-001	2.30000E-004	7.70000E-003	7.09000E-003	0.00000E+000	2.05173E+001	2.05173E+001	6.64000E-003	0.00000E+000	2.06832E+001
Rough Terrain Forklifts	1.81300E-002	2.39620E-001	3.96960E-001	6.00000E-004	7.55000E-003	6.95000E-003	0.00000E+000	5.25356E+001	5.25356E+001	1.69900E-002	0.00000E+000	5.29604E+001
Rubber Tired Dozers	6.40400E-002	6.72710E-001	2.74020E-001	6.50000E-004	3.19300E-002	2.93700E-002	0.00000E+000	5.73960E+001	5.73960E+001	1.85600E-002	0.00000E+000	5.78600E+001
Rubber Tired Loaders	1.82600E-002	1.84590E-001	9.88300E-002	4.10000E-004	6.19000E-003	5.69000E-003	0.00000E+000	3.57112E+001	3.57112E+001	1.15500E-002	0.00000E+000	3.59999E+001
Scrapers	7.12700E-002	7.78080E-001	5.54690E-001	1.32000E-003	3.03700E-002	2.79400E-002	0.00000E+000	1.16043E+002	1.16043E+002	3.75300E-002	0.00000E+000	1.16981E+002
Skid Steer Loaders	9.43000E-003	1.25200E-001	2.03610E-001	3.00000E-004	4.17000E-003	3.83000E-003	0.00000E+000	2.67398E+001	2.67398E+001	8.65000E-003	0.00000E+000	2.69560E+001
Tractors/Loaders/Backhoes	4.11500E-002	4.17560E-001	5.86780E-001	8.20000E-004	2.13600E-002	1.96500E-002	0.00000E+000	7.17838E+001	7.17838E+001	2.32200E-002	0.00000E+000	7.23642E+001
Trenchers	1.44900E-002	1.35060E-001	1.08870E-001	1.40000E-004	9.36000E-003	8.61000E-003	0.00000E+000	1.24665E+001	1.24665E+001	4.03000E-003	0.00000E+000	1.25673E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	1.27800E-002	2.48710E-001	4.30010E-001	7.00000E-004	9.30000E-004	9.30000E-004	0.00000E+000	5.99163E+001	5.99163E+001	3.50000E-003	0.00000E+000	6.00039E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	6.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	3.84952E+000	3.84952E+000	4.00000E-004	0.00000E+000	3.85951E+000
Excavators	1.09900E-002	3.93870E-001	6.77820E-001	8.90000E-004	1.47000E-003	1.47000E-003	0.00000E+000	7.84782E+001	7.84782E+001	2.53800E-002	0.00000E+000	7.91127E+001
Graders	9.25000E-003	1.49140E-001	3.00600E-001	5.70000E-004	9.20000E-004	9.20000E-004	0.00000E+000	4.97210E+001	4.97210E+001	1.60800E-002	0.00000E+000	5.01230E+001
Other Construction Equipment	8.40000E-004	3.01300E-002	5.18600E-002	7.00000E-005	1.10000E-004	1.10000E-004	0.00000E+000	5.97076E+000	5.97076E+000	1.93000E-003	0.00000E+000	6.01904E+000
Pavers	5.14000E-003	1.84270E-001	3.17110E-001	4.20000E-004	6.90000E-004	6.90000E-004	0.00000E+000	3.67528E+001	3.67528E+001	1.18900E-002	0.00000E+000	3.70500E+001
Paving Equipment	4.48000E-003	1.60370E-001	2.75990E-001	3.60000E-004	6.00000E-004	6.00000E-004	0.00000E+000	3.18490E+001	3.18490E+001	1.03000E-002	0.00000E+000	3.21065E+001
Pumps	5.06000E-003	9.85400E-002	1.70370E-001	2.80000E-004	3.70000E-004	3.70000E-004	0.00000E+000	2.37387E+001	2.37387E+001	1.08000E-003	0.00000E+000	2.37656E+001
Rollers	5.25000E-003	1.02120E-001	1.76560E-001	2.30000E-004	3.80000E-004	3.80000E-004	0.00000E+000	2.05173E+001	2.05173E+001	6.64000E-003	0.00000E+000	2.06832E+001
Rough Terrain Forklifts	1.34600E-002	2.61940E-001	4.52880E-001	6.00000E-004	9.80000E-004	9.80000E-004	0.00000E+000	5.25355E+001	5.25355E+001	1.69900E-002	0.00000E+000	5.29603E+001
Rubber Tired Dozers	1.06600E-002	1.71960E-001	3.46590E-001	6.50000E-004	1.07000E-003	1.07000E-003	0.00000E+000	5.73959E+001	5.73959E+001	1.85600E-002	0.00000E+000	5.78600E+001
Rubber Tired Loaders	6.70000E-003	1.08080E-001	2.17830E-001	4.10000E-004	6.70000E-004	6.70000E-004	0.00000E+000	3.57111E+001	3.57111E+001	1.15500E-002	0.00000E+000	3.59999E+001
Scrapers	2.16200E-002	3.48690E-001	7.02790E-001	1.32000E-003	2.16000E-003	2.16000E-003	0.00000E+000	1.16043E+002	1.16043E+002	3.75300E-002	0.00000E+000	1.16981E+002
Skid Steer Loaders	7.48000E-003	1.70850E-001	2.30710E-001	3.00000E-004	6.98000E-003	6.98000E-003	0.00000E+000	2.67397E+001	2.67397E+001	8.65000E-003	0.00000E+000	2.69559E+001
Tractors/Loaders/Backhoes	1.82800E-002	3.55580E-001	6.14790E-001	8.20000E-004	1.33000E-003	1.33000E-003	0.00000E+000	7.17837E+001	7.17837E+001	2.32200E-002	0.00000E+000	7.23641E+001
Trenchers	3.18000E-003	6.18200E-002	1.06890E-001	1.40000E-004	2.30000E-004	2.30000E-004	0.00000E+000	1.24665E+001	1.24665E+001	4.03000E-003	0.00000E+000	1.25673E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	7.09479E-001	1.65795E-001	-1.19787E-002	0.00000E+000	9.40840E-001	9.40840E-001	0.00000E+000	1.16830E-006	1.16830E-006	0.00000E+000	0.00000E+000	1.16659E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	6.79405E-001	-3.34248E-001	-2.03345E-001	0.00000E+000	8.97346E-001	8.88467E-001	0.00000E+000	1.14681E-006	1.14681E-006	0.00000E+000	0.00000E+000	1.13762E-006
Graders	7.26897E-001	6.44193E-001	-1.06428E+000	0.00000E+000	9.31599E-001	9.25627E-001	0.00000E+000	1.20673E-006	1.20673E-006	0.00000E+000	0.00000E+000	1.19705E-006
Other Construction Equipment	7.97101E-001	2.82106E-001	-1.72773E-001	0.00000E+000	9.49772E-001	9.45274E-001	0.00000E+000	1.67483E-006	1.67483E-006	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	6.95678E-001	-1.21341E-001	-2.34708E-001	0.00000E+000	9.10622E-001	9.02817E-001	0.00000E+000	1.08835E-006	1.08835E-006	0.00000E+000	0.00000E+000	1.34953E-006
Paving Equipment	7.02523E-001	-1.43866E-001	-2.11279E-001	0.00000E+000	9.11894E-001	9.04153E-001	0.00000E+000	1.25593E-006	1.25593E-006	0.00000E+000	0.00000E+000	1.24585E-006
Pumps	6.26568E-001	1.34703E-001	-8.92526E-002	0.00000E+000	9.32605E-001	9.32605E-001	0.00000E+000	1.26376E-006	1.26376E-006	0.00000E+000	0.00000E+000	1.26233E-006
Rollers	6.11111E-001	2.77436E-001	-7.13592E-002	0.00000E+000	9.50649E-001	9.46403E-001	0.00000E+000	1.46218E-006	1.46218E-006	0.00000E+000	0.00000E+000	1.45045E-006
Rough Terrain Forklifts	2.57584E-001	-9.31475E-002	-1.40871E-001	0.00000E+000	8.70199E-001	8.58993E-001	0.00000E+000	1.14208E-006	1.14208E-006	0.00000E+000	0.00000E+000	1.32174E-006
Rubber Tired Dozers	8.33542E-001	7.44377E-001	-2.64835E-001	0.00000E+000	9.66489E-001	9.63568E-001	0.00000E+000	1.21960E-006	1.21960E-006	0.00000E+000	0.00000E+000	1.20982E-006
Rubber Tired Loaders	6.33078E-001	4.14486E-001	-1.20409E+000	0.00000E+000	8.91761E-001	8.82250E-001	0.00000E+000	1.12010E-006	1.12010E-006	0.00000E+000	0.00000E+000	1.11111E-006
Scrapers	6.96647E-001	5.51858E-001	-2.66996E-001	0.00000E+000	9.28877E-001	9.22691E-001	0.00000E+000	1.20645E-006	1.20645E-006	0.00000E+000	0.00000E+000	1.19677E-006
Skid Steer Loaders	2.06787E-001	-3.64617E-001	-1.33098E-001	0.00000E+000	-6.73861E-001	-8.22454E-001	0.00000E+000	1.12193E-006	1.12193E-006	0.00000E+000	0.00000E+000	1.11293E-006
Tractors/Loaders/Backhoes	5.55772E-001	1.48434E-001	-4.77351E-002	0.00000E+000	9.37734E-001	9.32316E-001	0.00000E+000	1.11446E-006	1.11446E-006	0.00000E+000	0.00000E+000	1.10552E-006
Trenchers	7.80538E-001	5.42278E-001	1.81868E-002	0.00000E+000	9.75427E-001	9.73287E-001	0.00000E+000	1.60430E-006	1.60430E-006	0.00000E+000	0.00000E+000	1.59143E-006

Fugitive Dust Mitigation

Yes/No Mitigation Measure Mitigation Input Mitigation Input Mitigation Input

Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
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No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Grading	Fugitive Dust	0.41	0.16	0.16	0.06	0.61	0.61
Grading	Roads	0.51	0.05	0.22	0.02	0.57	0.56
Internal Open Space Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Internal Open Space Landscaping	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.56	0.53
P1 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P1 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P1 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	Roads	0.01	0.00	0.01	0.00	0.56	0.54
P1 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.56	0.54

P2 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P2 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P2 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	Roads	0.01	0.00	0.01	0.00	0.56	0.54
P2 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.56	0.54
P3 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.04	0.00	0.56	0.53
P3 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P3 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	Roads	0.01	0.00	0.01	0.00	0.56	0.53
P3 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.56	0.53
P4 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.04	0.00	0.56	0.53
P4 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.01	0.00	0.56	0.53

P4 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	Roads	0.01	0.00	0.01	0.00	0.56	0.54
P4 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P4 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
Site Preparation	Fugitive Dust	0.20	0.11	0.08	0.04	0.61	0.61
Site Preparation	Roads	0.02	0.00	0.01	0.00	0.56	0.53
Utilities	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Utilities	Roads	0.08	0.01	0.03	0.00	0.56	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	-140.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				

No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00	2.00	
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00

No	% Electric Chainsaw	0.00
----	---------------------	------

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	

No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - North Village Residential (P1-4)	Notes	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Jun-22	North Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2026	North Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	454.71	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--

CalEEMod Input Sheet
Project Characteristics

checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
Site Preparation	Site Preparation	1-Jun-22	30-Jun-22	5 days/week	22
Grading	Grading	1-Jul-22	31-Oct-22	5 days/week	87
Utilities	Site Preparation	1-Oct-22	31-Mar-23	5 days/week	130
Internal Open Space Landscaping	Site Preparation	1-Jan-23	28-Feb-23	5 days/week	42
P1 Site Preparation (mo. 1)	Site Preparation	1-Feb-23	28-Feb-23	5 days/week	20
P1 Building Construction 1 (mo. 2-4)	Building Construction	1-Mar-23	31-May-23	5 days/week	66
P1 Building Construction 2 (mo. 5)	Building Construction	1-Jun-23	30-Jun-23	5 days/week	22
P1 Paving	Paving	1-Jan-23	31-Jan-23	5 days/week	22
P1 Architectural Coating	Architectural Coating	1-Apr-23	31-May-23	5 days/week	43
P2 Site Preparation (mo. 1)	Site Preparation	1-Jun-23	30-Jun-23	5 days/week	22
P2 Building Construction 1 (mo. 2-4)	Building Construction	1-Jul-23	30-Sep-23	5 days/week	65
P2 Building Construction 2 (mo. 5)	Building Construction	1-Oct-23	31-Oct-23	5 days/week	22
P2 Paving	Paving	1-May-23	31-May-23	5 days/week	23
P2 Architectural Coating	Architectural Coating	1-Aug-23	30-Sep-23	5 days/week	44
P3 Site Preparation (mo. 1)	Site Preparation	1-Oct-23	31-Oct-23	5 days/week	22
P3 Building Construction 1 (mo. 2-4)	Building Construction	1-Nov-23	31-Jan-24	5 days/week	66
P3 Building Construction 2 (mo. 5)	Building Construction	1-Feb-24	28-Feb-24	5 days/week	20
P3 Paving	Paving	1-Sep-23	30-Sep-23	5 days/week	21
P3 Architectural Coating	Architectural Coating	1-Dec-23	31-Jan-24	5 days/week	44
P4 Site Preparation (mo. 1)	Site Preparation	1-Feb-24	28-Feb-24	5 days/week	20
P4 Building Construction 1 (mo. 2-4)	Building Construction	1-Mar-24	31-May-24	5 days/week	66
P4 Building Construction 2 (mo. 5)	Building Construction	1-Jun-24	30-Jun-24	5 days/week	20
P4 Paving	Paving	1-Jan-24	31-Jan-24	5 days/week	23
P4 Architectural Coating	Architectural Coating	1-Apr-24	31-May-24	5 days/week	45

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment

Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor
Site Preparation	Rubber Tired Dozer	default	8	default	
	Tractor/Loader/Backhoe				
	Other Construction Equipment (brush grinder)				
Grading	default				
Utilities	Excavator	1			
	Rubber Tired Loader	1			
Internal Open Space Landscaping	Skid Steer Loaders	1			
	Excavator	1			
All Phases Site Preparation (mo. 1)	Grader	1			
	Skid Steer	1			
	Trencher	1			
	Pump	1			
	Cement Mixer	1			
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1			
	Backhoe	1			
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1			
	Skid Steer	2			
	Cement Mixer	1			
All Phases Paving	default				
All Phases Architectural Coating	Air Compressor	2			

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement								
Phase Name	Material Imported	Material Exported	Size Metric	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	default					--	default	
Grading	default	--	cubic yards	default				

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
default		

CalEEMod Input Sheet

Construction Phase

Table 9: Construction Trips and VMT

[illegible]

CalEEMod Input Sheet
Construction Phase

Table 10: On-Road Fugitive Dust								
Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
Site Preparation			0					
Grading								
Utilities								
Internal Open Space Landscaping								
All Phases Site Preparation								
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

default

CalEEMod Input Sheet
Construction Phase

Table 11: Architectural Coating

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
P1 Architectural Coating	50	163,545	100	54,515	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	136,287	100	45,429	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	181,716	100	60,572	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	181,716	100	60,572	N/A	0	N/A	0	N/A	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

Proctor Valley EIR - North Residential (P5-7)

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	49.00	Dwelling Unit	25.10	219,863.00	135
Single Family Housing	61.00	Dwelling Unit	28.30	273,707.00	168

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Vehicle Trips - Refer to CalEEMod Input Matrix Table

Woodstoves - Refer to CalEEMod Input Matrix Table

Area Coating - Refer to CalEEMod Input Matrix Table

Energy Use - Refer to CalEEMod Input Matrix Table

Area Mitigation - Refer to CalEEMod Input Matrix Table

Waste Mitigation - 75% waste diversion consistent with AB 341 (not mitigation)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	24,229.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	63,601.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	24,229.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	72,686.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	190,802.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	72,686.00

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Parking	250	0
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	NumberGas	60.50	110.00
tblFireplaces	NumberNoFireplace	11.00	0.00
tblFireplaces	NumberWood	38.50	0.00
tblLandUse	BuildingSpaceSquareFeet	88,200.00	219,863.00
tblLandUse	BuildingSpaceSquareFeet	109,800.00	273,707.00
tblLandUse	LandUseSquareFeet	88,200.00	219,863.00
tblLandUse	LandUseSquareFeet	109,800.00	273,707.00
tblLandUse	LotAcreage	15.91	25.10

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

tblLandUse	LotAcreage	19.81	28.30
tblLandUse	Population	140.00	135.00
tblLandUse	Population	174.00	168.00
tblOffRoadEquipment	HorsePower	9.00	84.00
tblOffRoadEquipment	HorsePower	9.00	84.00
tblOffRoadEquipment	HorsePower	9.00	84.00
tblOffRoadEquipment	HorsePower	187.00	247.00
tblOffRoadEquipment	HorsePower	187.00	247.00
tblOffRoadEquipment	HorsePower	187.00	247.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	LoadFactor	0.56	0.74
tblOffRoadEquipment	LoadFactor	0.56	0.74
tblOffRoadEquipment	LoadFactor	0.56	0.74
tblOffRoadEquipment	LoadFactor	0.41	0.40
tblOffRoadEquipment	LoadFactor	0.41	0.40
tblOffRoadEquipment	LoadFactor	0.41	0.40

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.37	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.20
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2026
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	5.50	0.00
tblWoodstoves	NumberNoncatalytic	5.50	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	18.9627	16.7424	23.3838	0.0431	6.7788	0.7403	7.5190	0.7078	0.6941	1.4018	0.0000	4,186.1468	4,186.1468	1.0561	0.0000	4,212.5493
2025	7.9529	15.9210	23.3762	0.0443	6.8042	0.6538	7.4579	0.7125	0.6125	1.3250	0.0000	4,316.5559	4,316.5559	1.0650	0.0000	4,343.1813
Maximum	18.9627	16.7424	23.3838	0.0443	6.8042	0.7403	7.5190	0.7125	0.6941	1.4018	0.0000	4,316.5559	4,316.5559	1.0650	0.0000	4,343.1813

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	17.8516	16.5151	28.1156	0.0431	3.0079	0.0641	3.0721	0.3311	0.0640	0.3952	0.0000	4,186.1468	4,186.1468	1.0561	0.0000	4,212.5493
2025	6.9489	16.9349	28.1579	0.0443	3.0232	0.0644	3.0876	0.3348	0.0643	0.3991	0.0000	4,316.5559	4,316.5559	1.0650	0.0000	4,343.1813
Maximum	17.8516	16.9349	28.1579	0.0443	3.0232	0.0644	3.0876	0.3348	0.0643	0.3991	0.0000	4,316.5559	4,316.5559	1.0650	0.0000	4,343.1813

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	7.86	-2.41	-20.35	0.00	55.60	90.78	58.87	53.11	90.18	70.87	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.3193	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6
Energy	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Mobile	2.6057	10.6302	30.8308	0.1203	7.6101	0.0875	7.6976	2.1572	0.0813	2.2386		12,305.24 45	12,305.24 45	0.6108		12,320.51 49
Total	15.0112	15.1201	41.7634	0.1488	7.6101	0.4924	8.1025	2.1572	0.4862	2.6434	0.0000	17,919.97 36	17,919.97 36	0.7338	0.1026	17,968.90 37

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.8001	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6
Energy	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Mobile	2.6057	10.6302	30.8308	0.1203	7.6101	0.0875	7.6976	2.1572	0.0813	2.2386		12,305.24 45	12,305.24 45	0.6108		12,320.51 49
Total	16.4919	15.1201	41.7634	0.1488	7.6101	0.4924	8.1025	2.1572	0.4862	2.6434	0.0000	17,919.97 36	17,919.97 36	0.7338	0.1026	17,968.90 37

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	-9.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P5 Paving	Paving	5/1/2024	5/31/2024	5	23	
2	P5 Site Preparation (mo. 1)	Site Preparation	6/1/2024	6/30/2024	5	20	
3	P5 Building Construction 1 (mo. 2-4)	Building Construction	7/1/2024	9/30/2024	5	66	
4	P5 Architectural Coating	Architectural Coating	8/1/2024	9/30/2024	5	43	
5	P6 Paving	Paving	9/1/2024	9/30/2024	5	21	
6	P6 Site Preparation (mo. 1)	Site Preparation	10/1/2024	10/31/2024	5	23	
7	P5 Building Construction 2 (mo. 5)	Building Construction	10/1/2024	10/31/2024	5	23	
8	P6 Building Construction 1 (mo. 2-4)	Building Construction	11/30/2024	1/31/2025	5	45	
9	P6 Architectural Coating	Architectural Coating	12/1/2024	1/31/2025	5	45	
10	P7 Paving	Paving	1/1/2025	1/31/2025	5	23	
11	P7 Site Preparation (mo. 1)	Site Preparation	2/1/2025	2/28/2025	5	20	
12	P6 Building Construction 2 (mo. 5)	Building Construction	2/1/2025	2/28/2025	5	20	
13	P7 Building Construction 1 (mo. 2-4)	Building Construction	3/1/2025	5/31/2025	5	65	
14	P7 Architectural Coating	Architectural Coating	4/1/2025	5/31/2025	5	44	
15	P7 Building Construction 2 (mo. 5)	Building Construction	6/1/2025	6/30/2025	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

Acres of Paving: 0**Residential Indoor: 190,802; Residential Outdoor: 63,601; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P5 Paving	Pavers	2	8.00	130	0.42
P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	247	0.40
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	97	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	231	0.29
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	247	0.40
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	97	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	84	0.74
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	89	0.20

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	231	0.29
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	247	0.40
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	97	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	84	0.74
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	89	0.20
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	231	0.29
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	84	0.74
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	89	0.20

Trips and VMT

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P5 Paving	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.2 P5 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0355	0.7514	0.3193	2.7900e-003	3.5192	1.1300e-003	3.5203	0.3691	1.0700e-003	0.3702		299.5774	299.5774	0.0199		300.0749

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.2 P5 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	0.9876	9.2000e-004	0.9885	0.1110	8.7000e-004	0.1119		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0355	0.7514	0.3193	2.7900e-003	1.5648	1.1300e-003	1.5660	0.1739	1.0700e-003	0.1750		299.5774	299.5774	0.0199		300.0749

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.3 P5 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.2546	12.6946	10.8210	0.0223		0.5635	0.5635		0.5290	0.5290		2,125.4023	2,125.4023	0.5022		2,137.9576
Total	1.2546	12.6946	10.8210	0.0223	0.5303	0.5635	1.0938	0.0573	0.5290	0.5862		2,125.4023	2,125.4023	0.5022		2,137.9576

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	3.0507	6.1000e-004	3.0513	0.3177	5.6000e-004	0.3182		108.9123	108.9123	5.2000e-003		109.0422

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.3 P5 Site Preparation (mo. 1) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.4053	7.4206	13.4740	0.0223		0.0333	0.0333		0.0333	0.0333	0.0000	2,125.4023	2,125.4023	0.5022		2,137.9575
Total	0.4053	7.4206	13.4740	0.0223	0.2068	0.0333	0.2401	0.0223	0.0333	0.0556	0.0000	2,125.4023	2,125.4023	0.5022		2,137.9575

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	1.3520	6.1000e-004	1.3526	0.1480	5.6000e-004	0.1485		108.9123	108.9123	5.2000e-003		109.0422

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.4 P5 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2844	3.1970	3.4115	8.8900e-003		0.1076	0.1076		0.0990	0.0990		860.4429	860.4429	0.2783		867.4000
Total	0.2844	3.1970	3.4115	8.8900e-003		0.1076	0.1076		0.0990	0.0990		860.4429	860.4429	0.2783		867.4000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	3.0507	6.1000e-004	3.0513	0.3177	5.6000e-004	0.3182		108.9123	108.9123	5.2000e-003		109.0422

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.4 P5 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1642	2.8787	5.4140	8.8900e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.4429	860.4429	0.2783		867.4000
Total	0.1642	2.8787	5.4140	8.8900e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.4429	860.4429	0.2783		867.4000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	1.3520	6.1000e-004	1.3526	0.1480	5.6000e-004	0.1485		108.9123	108.9123	5.2000e-003		109.0422

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.5 P5 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	17.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	17.6210	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	1.5381	4.8000e-004	1.5385	0.1612	4.5000e-004	0.1616		122.5530	122.5530	8.0300e-003		122.7537

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.5 P5 Architectural Coating - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	17.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	17.2842	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	0.6837	4.8000e-004	0.6841	0.0759	4.5000e-004	0.0763		122.5530	122.5530	8.0300e-003		122.7537

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.6 P6 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	2.1900	5.8000e-004	2.1906	0.2289	5.5000e-004	0.2295		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.6 P6 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	0.9723	5.8000e-004	0.9729	0.1073	5.5000e-004	0.1078		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.7 P6 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.2546	12.6946	10.8210	0.0223		0.5635	0.5635		0.5290	0.5290		2,125.4023	2,125.4023	0.5022		2,137.9576
Total	1.2546	12.6946	10.8210	0.0223	0.5303	0.5635	1.0938	0.0573	0.5290	0.5862		2,125.4023	2,125.4023	0.5022		2,137.9576

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.7000e-004	0.1826		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.7 P6 Site Preparation (mo. 1) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.4053	7.4206	13.4740	0.0223		0.0333	0.0333		0.0333	0.0333	0.0000	2,125.4023	2,125.4023	0.5022		2,137.9575
Total	0.4053	7.4206	13.4740	0.0223	0.2068	0.0333	0.2401	0.0223	0.0333	0.0556	0.0000	2,125.4023	2,125.4023	0.5022		2,137.9575

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	0.7748	3.9000e-004	0.7752	0.0851	3.7000e-004	0.0855		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.8 P5 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2328	2.9721	3.2253	8.8400e-003		0.0805	0.0805		0.0741	0.0741		855.5657	855.5657	0.2767		862.4834
Total	0.2328	2.9721	3.2253	8.8400e-003		0.0805	0.0805		0.0741	0.0741		855.5657	855.5657	0.2767		862.4834

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	3.0507	6.1000e-004	3.0513	0.3177	5.6000e-004	0.3182		108.9123	108.9123	5.2000e-003		109.0422

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.8 P5 Building Construction 2 (mo. 5) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5657	855.5657	0.2767		862.4834
Total	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5657	855.5657	0.2767		862.4834

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0269	0.0154	0.1602	5.5000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		54.4410	54.4410	1.3500e-003		54.4747
Total	0.0313	0.1641	0.2080	1.0500e-003	1.3520	6.1000e-004	1.3526	0.1480	5.6000e-004	0.1485		108.9123	108.9123	5.2000e-003		109.0422

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.9 P6 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2844	3.1970	3.4115	8.8900e-003		0.1076	0.1076		0.0990	0.0990		860.4429	860.4429	0.2783		867.4000
Total	0.2844	3.1970	3.4115	8.8900e-003		0.1076	0.1076		0.0990	0.0990		860.4429	860.4429	0.2783		867.4000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.7000e-004	0.1826		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.9 P6 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1642	2.8787	5.4140	8.8900e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.4429	860.4429	0.2783		867.4000
Total	0.1642	2.8787	5.4140	8.8900e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.4429	860.4429	0.2783		867.4000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	0.7748	3.9000e-004	0.7752	0.0851	3.7000e-004	0.0855		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.9 P6 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2768	3.0942	3.4120	8.9000e-003		0.0960	0.0960		0.0883	0.0883		860.8194	860.8194	0.2784		867.7795
Total	0.2768	3.0942	3.4120	8.9000e-003		0.0960	0.0960		0.0883	0.0883		860.8194	860.8194	0.2784		867.7795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.6000e-004	0.1826		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.9 P6 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1642	2.8787	5.4140	8.9000e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.8194	860.8194	0.2784		867.7795
Total	0.1642	2.8787	5.4140	8.9000e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.8194	860.8194	0.2784		867.7795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	0.7748	3.9000e-004	0.7751	0.0851	3.6000e-004	0.0854		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.10 P6 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	6.7210	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	1.5381	4.8000e-004	1.5385	0.1612	4.5000e-004	0.1616		122.5530	122.5530	8.0300e-003		122.7537

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.10 P6 Architectural Coating - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	6.3842	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	0.6837	4.8000e-004	0.6841	0.0759	4.5000e-004	0.0763		122.5530	122.5530	8.0300e-003		122.7537

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.10 P6 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	6.6946	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	1.5381	4.6000e-004	1.5385	0.1612	4.4000e-004	0.1616		121.3508	121.3508	7.9100e-003		121.5486

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.10 P6 Architectural Coating - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	6.3842	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	0.6837	4.6000e-004	0.6841	0.0759	4.4000e-004	0.0763		121.3508	121.3508	7.9100e-003		121.5486

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.11 P7 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0343	0.7400	0.3091	2.7600e-003	3.5192	1.1000e-003	3.5203	0.3691	1.0400e-003	0.3702		296.8469	296.8469	0.0196		297.3376

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.11 P7 Paving - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0343	0.7400	0.3091	2.7600e-003	1.5648	1.1000e-003	1.5659	0.1739	1.0400e-003	0.1749		296.8469	296.8469	0.0196		297.3376

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.12 P7 Site Preperation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1483	11.3740	10.7049	0.0223		0.4904	0.4904		0.4604	0.4604		2,125.1045	2,125.1045	0.4999		2,137.6025
Total	1.1483	11.3740	10.7049	0.0223	0.5303	0.4904	1.0207	0.0573	0.4604	0.5177		2,125.1045	2,125.1045	0.4999		2,137.6025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.6000e-004	0.1826		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.12 P7 Site Preperation (mo. 1) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.4053	7.4206	13.4740	0.0223		0.0333	0.0333		0.0333	0.0333	0.0000	2,125.1045	2,125.1045	0.4999		2,137.6025
Total	0.4053	7.4206	13.4740	0.0223	0.2068	0.0333	0.2401	0.0223	0.0333	0.0556	0.0000	2,125.1045	2,125.1045	0.4999		2,137.6025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	0.7748	3.9000e-004	0.7751	0.0851	3.6000e-004	0.0854		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.13 P6 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2325	2.9316	3.2239	8.8400e-003		0.0775	0.0775		0.0713	0.0713		855.5165	855.5165	0.2767		862.4337
Total	0.2325	2.9316	3.2239	8.8400e-003		0.0775	0.0775		0.0713	0.0713		855.5165	855.5165	0.2767		862.4337

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.6000e-004	0.1826		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.13 P6 Building Construction 2 (mo. 5) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5165	855.5165	0.2767		862.4337
Total	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5165	855.5165	0.2767		862.4337

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	0.7748	3.9000e-004	0.7751	0.0851	3.6000e-004	0.0854		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.14 P7 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2768	3.0942	3.4120	8.9000e-003		0.0960	0.0960		0.0883	0.0883		860.8194	860.8194	0.2784		867.7795
Total	0.2768	3.0942	3.4120	8.9000e-003		0.0960	0.0960		0.0883	0.0883		860.8194	860.8194	0.2784		867.7795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.6000e-004	0.1826		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.14 P7 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1642	2.8787	5.4140	8.9000e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.8194	860.8194	0.2784		867.7795
Total	0.1642	2.8787	5.4140	8.9000e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.8194	860.8194	0.2784		867.7795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	0.7748	3.9000e-004	0.7751	0.0851	3.6000e-004	0.0854		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.15 P7 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.3807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	6.8363	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	1.5381	4.6000e-004	1.5385	0.1612	4.4000e-004	0.1616		121.3508	121.3508	7.9100e-003		121.5486

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.15 P7 Architectural Coating - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.3807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	6.5260	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	0.6837	4.6000e-004	0.6841	0.0759	4.4000e-004	0.0763		121.3508	121.3508	7.9100e-003		121.5486

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.16 P7 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2325	2.9316	3.2239	8.8400e-003		0.0775	0.0775		0.0713	0.0713		855.5165	855.5165	0.2767		862.4337
Total	0.2325	2.9316	3.2239	8.8400e-003		0.0775	0.0775		0.0713	0.0713		855.5165	855.5165	0.2767		862.4337

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.6000e-004	0.1826		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

3.16 P7 Building Construction 2 (mo. 5) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5165	855.5165	0.2767		862.4337
Total	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5165	855.5165	0.2767		862.4337

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	0.7748	3.9000e-004	0.7751	0.0851	3.6000e-004	0.0854		80.2656	80.2656	4.4200e-003		80.3762

4.0 Operational Detail - Mobile

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6057	10.6302	30.8308	0.1203	7.6101	0.0875	7.6976	2.1572	0.0813	2.2386		12,305.24 45	12,305.24 45	0.6108		12,320.51 49
Unmitigated	2.6057	10.6302	30.8308	0.1203	7.6101	0.0875	7.6976	2.1572	0.0813	2.2386		12,305.24 45	12,305.24 45	0.6108		12,320.51 49

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	490.00	490.00	490.00	1,399,099	1,399,099
Single Family Housing	610.00	610.00	610.00	1,741,735	1,741,735
Total	1,100.00	1,100.00	1,100.00	3,140,834	3,140,834

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
NaturalGas Unmitigated	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	3557.53	0.0384	0.3279	0.1395	2.0900e-003		0.0265	0.0265		0.0265	0.0265		418.5334	418.5334	8.0200e-003	7.6700e-003	421.0206
Single Family Housing	4428.77	0.0478	0.4081	0.1737	2.6100e-003		0.0330	0.0330		0.0330	0.0330		521.0314	521.0314	9.9900e-003	9.5500e-003	524.1277
Total		0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	3.55753	0.0384	0.3279	0.1395	2.0900e-003		0.0265	0.0265		0.0265	0.0265		418.5334	418.5334	8.0200e-003	7.6700e-003	421.0206
Single Family Housing	4.42877	0.0478	0.4081	0.1737	2.6100e-003		0.0330	0.0330		0.0330	0.0330		521.0314	521.0314	9.9900e-003	9.5500e-003	524.1277
Total		0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

6.0 Area Detail**6.1 Mitigation Measures Area**

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.8001	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6
Unmitigated	12.3193	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.0577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4271	3.6494	1.5529	0.0233		0.2951	0.2951		0.2951	0.2951	0.0000	4,658.823 5	4,658.823 5	0.0893	0.0854	4,686.508 6
Landscaping	0.2722	0.1044	9.0665	4.8000e-004		0.0503	0.0503		0.0503	0.0503		16.3408	16.3408	0.0157		16.7320
Total	12.3194	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4271	3.6494	1.5529	0.0233		0.2951	0.2951		0.2951	0.2951	0.0000	4,658.823 5	4,658.823 5	0.0893	0.0854	4,686.508 6
Landscaping	0.2722	0.1044	9.0665	4.8000e-004		0.0503	0.0503		0.0503	0.0503		16.3408	16.3408	0.0157		16.7320
Total	13.8001	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR - North Residential (P5-7) - San Diego County, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

Proctor Valley EIR - North Residential (P5-7)

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	49.00	Dwelling Unit	25.10	219,863.00	135
Single Family Housing	61.00	Dwelling Unit	28.30	273,707.00	168

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2026
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Vehicle Trips - Refer to CalEEMod Input Matrix Table

Woodstoves - Refer to CalEEMod Input Matrix Table

Area Coating - Refer to CalEEMod Input Matrix Table

Energy Use - Refer to CalEEMod Input Matrix Table

Area Mitigation - Refer to CalEEMod Input Matrix Table

Waste Mitigation - 75% waste diversion consistent with AB 341 (not mitigation)

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	24,229.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	63,601.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	333,160.00	24,229.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	72,686.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	190,802.00
tblArchitecturalCoating	ConstArea_Residential_Interior	999,479.00	72,686.00

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tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Parking	250	0
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	NumberGas	60.50	110.00
tblFireplaces	NumberNoFireplace	11.00	0.00
tblFireplaces	NumberWood	38.50	0.00
tblLandUse	BuildingSpaceSquareFeet	88,200.00	219,863.00
tblLandUse	BuildingSpaceSquareFeet	109,800.00	273,707.00
tblLandUse	LandUseSquareFeet	88,200.00	219,863.00
tblLandUse	LandUseSquareFeet	109,800.00	273,707.00
tblLandUse	LotAcreage	15.91	25.10

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tblLandUse	LotAcreage	19.81	28.30
tblLandUse	Population	140.00	135.00
tblLandUse	Population	174.00	168.00
tblOffRoadEquipment	HorsePower	9.00	84.00
tblOffRoadEquipment	HorsePower	9.00	84.00
tblOffRoadEquipment	HorsePower	9.00	84.00
tblOffRoadEquipment	HorsePower	187.00	247.00
tblOffRoadEquipment	HorsePower	187.00	247.00
tblOffRoadEquipment	HorsePower	187.00	247.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	100.00	231.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	89.00
tblOffRoadEquipment	LoadFactor	0.56	0.74
tblOffRoadEquipment	LoadFactor	0.56	0.74
tblOffRoadEquipment	LoadFactor	0.56	0.74
tblOffRoadEquipment	LoadFactor	0.41	0.40
tblOffRoadEquipment	LoadFactor	0.41	0.40
tblOffRoadEquipment	LoadFactor	0.41	0.40

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.40	0.29
tblOffRoadEquipment	LoadFactor	0.37	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.20
tblOffRoadEquipment	LoadFactor	0.37	0.20
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P6 Site Preparation (mo. 1)
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2026
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	5.50	0.00
tblWoodstoves	NumberNoncatalytic	5.50	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	18.9557	16.7428	23.3822	0.0432	6.7788	0.7402	7.5190	0.7078	0.6940	1.4018	0.0000	4,199.503 1	4,199.503 1	1.0553	0.0000	4,225.885 2
2025	7.9470	15.9243	23.3566	0.0444	6.8042	0.6537	7.4579	0.7125	0.6125	1.3250	0.0000	4,332.104 6	4,332.104 6	1.0636	0.0000	4,358.695 5
Maximum	18.9557	16.7428	23.3822	0.0444	6.8042	0.7402	7.5190	0.7125	0.6940	1.4018	0.0000	4,332.104 6	4,332.104 6	1.0636	0.0000	4,358.695 5

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	17.8445	16.5155	28.1141	0.0432	3.0079	0.0641	3.0720	0.3311	0.0640	0.3951	0.0000	4,199.503 1	4,199.503 1	1.0553	0.0000	4,225.885 1
2025	6.9430	16.9382	28.1383	0.0444	3.0232	0.0644	3.0876	0.3348	0.0643	0.3991	0.0000	4,332.104 6	4,332.104 6	1.0636	0.0000	4,358.695 5
Maximum	17.8445	16.9382	28.1383	0.0444	3.0232	0.0644	3.0876	0.3348	0.0643	0.3991	0.0000	4,332.104 6	4,332.104 6	1.0636	0.0000	4,358.695 5

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	7.86	-2.41	-20.35	0.00	55.60	90.78	58.87	53.11	90.18	70.87	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	12.3193	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6
Energy	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Mobile	2.6982	10.3860	31.5623	0.1266	7.6101	0.0872	7.6973	2.1572	0.0811	2.2383		12,948.72 65	12,948.72 65	0.6085		12,963.93 87
Total	15.1037	14.8758	42.4949	0.1551	7.6101	0.4921	8.1022	2.1572	0.4859	2.6432	0.0000	18,563.45 56	18,563.45 56	0.7314	0.1026	18,612.32 75

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	13.8001	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6
Energy	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
Mobile	2.6982	10.3860	31.5623	0.1266	7.6101	0.0872	7.6973	2.1572	0.0811	2.2383		12,948.72 65	12,948.72 65	0.6085		12,963.93 87
Total	16.5844	14.8758	42.4949	0.1551	7.6101	0.4921	8.1022	2.1572	0.4859	2.6432	0.0000	18,563.45 56	18,563.45 56	0.7314	0.1026	18,612.32 75

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	-9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P5 Paving	Paving	5/1/2024	5/31/2024	5	23	
2	P5 Site Preparation (mo. 1)	Site Preparation	6/1/2024	6/30/2024	5	20	
3	P5 Building Construction 1 (mo. 2-4)	Building Construction	7/1/2024	9/30/2024	5	66	
4	P5 Architectural Coating	Architectural Coating	8/1/2024	9/30/2024	5	43	
5	P6 Paving	Paving	9/1/2024	9/30/2024	5	21	
6	P6 Site Preparation (mo. 1)	Site Preparation	10/1/2024	10/31/2024	5	23	
7	P5 Building Construction 2 (mo. 5)	Building Construction	10/1/2024	10/31/2024	5	23	
8	P6 Building Construction 1 (mo. 2-4)	Building Construction	11/30/2024	1/31/2025	5	45	
9	P6 Architectural Coating	Architectural Coating	12/1/2024	1/31/2025	5	45	
10	P7 Paving	Paving	1/1/2025	1/31/2025	5	23	
11	P7 Site Preparation (mo. 1)	Site Preparation	2/1/2025	2/28/2025	5	20	
12	P6 Building Construction 2 (mo. 5)	Building Construction	2/1/2025	2/28/2025	5	20	
13	P7 Building Construction 1 (mo. 2-4)	Building Construction	3/1/2025	5/31/2025	5	65	
14	P7 Architectural Coating	Architectural Coating	4/1/2025	5/31/2025	5	44	
15	P7 Building Construction 2 (mo. 5)	Building Construction	6/1/2025	6/30/2025	5	21	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

Acres of Paving: 0**Residential Indoor: 190,802; Residential Outdoor: 63,601; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P5 Paving	Pavers	2	8.00	130	0.42
P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	247	0.40
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	97	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	231	0.29
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	247	0.40
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	97	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	84	0.74
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	89	0.20

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	231	0.29
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	247	0.40
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	97	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	84	0.74
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	89	0.20
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	231	0.29
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Architectural Coating	Air Compressors	2	8.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	84	0.74
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	231	0.29
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	89	0.20

Trips and VMT

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P5 Paving	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	0	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Site Preparation (mo. 1)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	0	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	0	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	0	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	0	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.2 P5 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0327	0.7539	0.3038	2.8700e-003	3.5192	1.0800e-003	3.5203	0.3691	1.0300e-003	0.3701		308.5011	308.5011	0.0190		308.9756

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.2 P5 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	0.9876	8.7000e-004	0.9885	0.1110	8.3000e-004	0.1119		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0327	0.7539	0.3038	2.8700e-003	1.5648	1.0800e-003	1.5659	0.1739	1.0300e-003	0.1749		308.5011	308.5011	0.0190		308.9756

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.3 P5 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.2546	12.6946	10.8210	0.0223		0.5635	0.5635		0.5290	0.5290		2,125.402 3	2,125.402 3	0.5022		2,137.957 6
Total	1.2546	12.6946	10.8210	0.0223	0.5303	0.5635	1.0938	0.0573	0.5290	0.5862		2,125.402 3	2,125.402 3	0.5022		2,137.957 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		113.8885	113.8885	5.0800e-003		114.0157

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.3 P5 Site Preparation (mo. 1) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.4053	7.4206	13.4740	0.0223		0.0333	0.0333		0.0333	0.0333	0.0000	2,125.402 3	2,125.402 3	0.5022		2,137.957 5
Total	0.4053	7.4206	13.4740	0.0223	0.2068	0.0333	0.2401	0.0223	0.0333	0.0556	0.0000	2,125.402 3	2,125.402 3	0.5022		2,137.957 5

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		113.8885	113.8885	5.0800e-003		114.0157

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.4 P5 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2844	3.1970	3.4115	8.8900e-003		0.1076	0.1076		0.0990	0.0990		860.4429	860.4429	0.2783		867.4000
Total	0.2844	3.1970	3.4115	8.8900e-003		0.1076	0.1076		0.0990	0.0990		860.4429	860.4429	0.2783		867.4000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		113.8885	113.8885	5.0800e-003		114.0157

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.4 P5 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1642	2.8787	5.4140	8.8900e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.4429	860.4429	0.2783		867.4000
Total	0.1642	2.8787	5.4140	8.8900e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.4429	860.4429	0.2783		867.4000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		113.8885	113.8885	5.0800e-003		114.0157

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.5 P5 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	17.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	17.6210	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	1.5381	4.6000e-004	1.5385	0.1612	4.3000e-004	0.1616		126.2998	126.2998	7.6700e-003		126.4914

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.5 P5 Architectural Coating - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	17.1389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	17.2842	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	0.6837	4.6000e-004	0.6841	0.0759	4.3000e-004	0.0763		126.2998	126.2998	7.6700e-003		126.4914

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.6 P6 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.6 P6 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.7 P6 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.2546	12.6946	10.8210	0.0223		0.5635	0.5635		0.5290	0.5290		2,125.4023	2,125.4023	0.5022		2,137.9576
Total	1.2546	12.6946	10.8210	0.0223	0.5303	0.5635	1.0938	0.0573	0.5290	0.5862		2,125.4023	2,125.4023	0.5022		2,137.9576

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.7000e-004	0.1826		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.7 P6 Site Preparation (mo. 1) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.4053	7.4206	13.4740	0.0223		0.0333	0.0333		0.0333	0.0333	0.0000	2,125.402 3	2,125.402 3	0.5022		2,137.957 5
Total	0.4053	7.4206	13.4740	0.0223	0.2068	0.0333	0.2401	0.0223	0.0333	0.0556	0.0000	2,125.402 3	2,125.402 3	0.5022		2,137.957 5

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.7000e-004	0.0855		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.8 P5 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2328	2.9721	3.2253	8.8400e-003		0.0805	0.0805		0.0741	0.0741		855.5657	855.5657	0.2767		862.4834
Total	0.2328	2.9721	3.2253	8.8400e-003		0.0805	0.0805		0.0741	0.0741		855.5657	855.5657	0.2767		862.4834

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	2.6076	4.3000e-004	2.6081	0.2709	3.9000e-004	0.2713		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		113.8885	113.8885	5.0800e-003		114.0157

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.8 P5 Building Construction 2 (mo. 5) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5657	855.5657	0.2767		862.4834
Total	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5657	855.5657	0.2767		862.4834

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0235	0.0137	0.1714	5.8000e-004	1.1545	4.3000e-004	1.1549	0.1258	3.9000e-004	0.1262		57.9870	57.9870	1.4300e-003		58.0228
Total	0.0277	0.1631	0.2150	1.1000e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		113.8885	113.8885	5.0800e-003		114.0157

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.9 P6 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2844	3.1970	3.4115	8.8900e-003		0.1076	0.1076		0.0990	0.0990		860.4429	860.4429	0.2783		867.4000
Total	0.2844	3.1970	3.4115	8.8900e-003		0.1076	0.1076		0.0990	0.0990		860.4429	860.4429	0.2783		867.4000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.7000e-004	0.1826		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.9 P6 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1642	2.8787	5.4140	8.8900e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.4429	860.4429	0.2783		867.4000
Total	0.1642	2.8787	5.4140	8.8900e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.4429	860.4429	0.2783		867.4000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.7000e-004	0.0855		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.9 P6 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2768	3.0942	3.4120	8.9000e-003		0.0960	0.0960		0.0883	0.0883		860.8194	860.8194	0.2784		867.7795
Total	0.2768	3.0942	3.4120	8.9000e-003		0.0960	0.0960		0.0883	0.0883		860.8194	860.8194	0.2784		867.7795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.5000e-004	0.1825		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.9 P6 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1642	2.8787	5.4140	8.9000e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.8194	860.8194	0.2784		867.7795
Total	0.1642	2.8787	5.4140	8.9000e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.8194	860.8194	0.2784		867.7795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.5000e-004	0.0854		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.10 P6 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	6.7210	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	1.5381	4.6000e-004	1.5385	0.1612	4.3000e-004	0.1616		126.2998	126.2998	7.6700e-003		126.4914

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.10 P6 Architectural Coating - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	6.3842	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	0.6837	4.6000e-004	0.6841	0.0759	4.3000e-004	0.0763		126.2998	126.2998	7.6700e-003		126.4914

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.10 P6 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	6.6946	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	1.5381	4.5000e-004	1.5385	0.1612	4.2000e-004	0.1616		125.0254	125.0254	7.5600e-003		125.2145

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.10 P6 Architectural Coating - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.2389					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	6.3842	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	0.6837	4.5000e-004	0.6841	0.0759	4.2000e-004	0.0763		125.0254	125.0254	7.5600e-003		125.2145

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.11 P7 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0315	0.7426	0.2939	2.8400e-003	3.5192	1.0600e-003	3.5203	0.3691	1.0000e-003	0.3701		305.6084	305.6084	0.0187		306.0770

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.11 P7 Paving - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0315	0.7426	0.2939	2.8400e-003	1.5648	1.0600e-003	1.5659	0.1739	1.0000e-003	0.1749		305.6084	305.6084	0.0187		306.0770

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.12 P7 Site Preperation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	1.1483	11.3740	10.7049	0.0223		0.4904	0.4904		0.4604	0.4604		2,125.1045	2,125.1045	0.4999		2,137.6025
Total	1.1483	11.3740	10.7049	0.0223	0.5303	0.4904	1.0207	0.0573	0.4604	0.5177		2,125.1045	2,125.1045	0.4999		2,137.6025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.5000e-004	0.1825		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.12 P7 Site Preperation (mo. 1) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.4053	7.4206	13.4740	0.0223		0.0333	0.0333		0.0333	0.0333	0.0000	2,125.1045	2,125.1045	0.4999		2,137.6025
Total	0.4053	7.4206	13.4740	0.0223	0.2068	0.0333	0.2401	0.0223	0.0333	0.0556	0.0000	2,125.1045	2,125.1045	0.4999		2,137.6025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.5000e-004	0.0854		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.13 P6 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2325	2.9316	3.2239	8.8400e-003		0.0775	0.0775		0.0713	0.0713		855.5165	855.5165	0.2767		862.4337
Total	0.2325	2.9316	3.2239	8.8400e-003		0.0775	0.0775		0.0713	0.0713		855.5165	855.5165	0.2767		862.4337

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.5000e-004	0.1825		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.13 P6 Building Construction 2 (mo. 5) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5165	855.5165	0.2767		862.4337
Total	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5165	855.5165	0.2767		862.4337

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.5000e-004	0.0854		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.14 P7 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2768	3.0942	3.4120	8.9000e-003		0.0960	0.0960		0.0883	0.0883		860.8194	860.8194	0.2784		867.7795
Total	0.2768	3.0942	3.4120	8.9000e-003		0.0960	0.0960		0.0883	0.0883		860.8194	860.8194	0.2784		867.7795

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.5000e-004	0.1825		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.14 P7 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1642	2.8787	5.4140	8.9000e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.8194	860.8194	0.2784		867.7795
Total	0.1642	2.8787	5.4140	8.9000e-003		0.0145	0.0145		0.0145	0.0145	0.0000	860.8194	860.8194	0.2784		867.7795

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.5000e-004	0.0854		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.15 P7 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.3807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	6.8363	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	1.5381	4.5000e-004	1.5385	0.1612	4.2000e-004	0.1616		125.0254	125.0254	7.5600e-003		125.2145

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.15 P7 Architectural Coating - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	6.3807					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	6.5260	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	0.6837	4.5000e-004	0.6841	0.0759	4.2000e-004	0.0763		125.0254	125.0254	7.5600e-003		125.2145

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.16 P7 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2325	2.9316	3.2239	8.8400e-003		0.0775	0.0775		0.0713	0.0713		855.5165	855.5165	0.2767		862.4337
Total	0.2325	2.9316	3.2239	8.8400e-003		0.0775	0.0775		0.0713	0.0713		855.5165	855.5165	0.2767		862.4337

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.5000e-004	0.1825		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

3.16 P7 Building Construction 2 (mo. 5) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5165	855.5165	0.2767		862.4337
Total	0.1636	2.8678	5.3951	8.8400e-003		0.0145	0.0145		0.0145	0.0145	0.0000	855.5165	855.5165	0.2767		862.4337

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.5000e-004	0.0854		83.3781	83.3781	4.2800e-003		83.4850

4.0 Operational Detail - Mobile

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.6982	10.3860	31.5623	0.1266	7.6101	0.0872	7.6973	2.1572	0.0811	2.2383		12,948.72 65	12,948.72 65	0.6085		12,963.93 87
Unmitigated	2.6982	10.3860	31.5623	0.1266	7.6101	0.0872	7.6973	2.1572	0.0811	2.2383		12,948.72 65	12,948.72 65	0.6085		12,963.93 87

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	490.00	490.00	490.00	1,399,099	1,399,099
Single Family Housing	610.00	610.00	610.00	1,741,735	1,741,735
Total	1,100.00	1,100.00	1,100.00	3,140,834	3,140,834

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908
Single Family Housing	0.611343	0.038414	0.178161	0.100214	0.013382	0.005338	0.017151	0.024839	0.001931	0.001783	0.005765	0.000770	0.000908

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482
NaturalGas Unmitigated	0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	3557.53	0.0384	0.3279	0.1395	2.0900e-003		0.0265	0.0265		0.0265	0.0265		418.5334	418.5334	8.0200e-003	7.6700e-003	421.0206
Single Family Housing	4428.77	0.0478	0.4081	0.1737	2.6100e-003		0.0330	0.0330		0.0330	0.0330		521.0314	521.0314	9.9900e-003	9.5500e-003	524.1277
Total		0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	4.42877	0.0478	0.4081	0.1737	2.6100e-003		0.0330	0.0330		0.0330	0.0330		521.0314	521.0314	9.9900e-003	9.5500e-003	524.1277
Single Family Housing	3.55753	0.0384	0.3279	0.1395	2.0900e-003		0.0265	0.0265		0.0265	0.0265		418.5334	418.5334	8.0200e-003	7.6700e-003	421.0206
Total		0.0861	0.7360	0.3132	4.7000e-003		0.0595	0.0595		0.0595	0.0595		939.5649	939.5649	0.0180	0.0172	945.1482

6.0 Area Detail**6.1 Mitigation Measures Area**

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	13.8001	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6
Unmitigated	12.3193	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.0577					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4271	3.6494	1.5529	0.0233		0.2951	0.2951		0.2951	0.2951	0.0000	4,658.823 5	4,658.823 5	0.0893	0.0854	4,686.508 6
Landscaping	0.2722	0.1044	9.0665	4.8000e-004		0.0503	0.0503		0.0503	0.0503		16.3408	16.3408	0.0157		16.7320
Total	12.3194	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6

Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.5384					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	10.5624					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.4271	3.6494	1.5529	0.0233		0.2951	0.2951		0.2951	0.2951	0.0000	4,658.823 5	4,658.823 5	0.0893	0.0854	4,686.508 6
Landscaping	0.2722	0.1044	9.0665	4.8000e-004		0.0503	0.0503		0.0503	0.0503		16.3408	16.3408	0.0157		16.7320
Total	13.8001	3.7539	10.6195	0.0238		0.3454	0.3454		0.3454	0.3454	0.0000	4,675.164 3	4,675.164 3	0.1049	0.0854	4,703.240 6

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR - North Residential (P5-7) - San Diego County, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - North Residential (P5-7)**San Diego County, Mitigation Report****Construction Mitigation Summary**

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P5 Architectural Coating	0.02	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.39	0.09	-0.55	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.27	0.03	-0.63	0.00	0.82	0.80	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	0.64	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	0.66	0.41	-0.24	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	0.05	0.09	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.39	0.08	-0.57	0.00	0.86	0.84	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.28	0.02	-0.65	0.00	0.82	0.80	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	0.65	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	0.67	0.41	-0.24	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	0.05	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.39	0.07	-0.57	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.28	0.02	-0.65	0.00	0.81	0.80	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.64	0.34	-0.26	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	6	6	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	6	6	No Change	0.00
Graders	Diesel	Tier 4 Interim	3	3	No Change	0.00
Pavers	Diesel	Tier 4 Interim	6	6	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	6	6	No Change	0.00
Pumps	Diesel	Tier 4 Interim	3	3	No Change	0.00
Rollers	Diesel	Tier 4 Interim	6	6	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	6	6	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	9	9	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	3	3	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	3	3	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	3.09300E-002	2.07960E-001	3.18490E-001	5.20000E-004	9.88000E-003	9.88000E-003	0.00000E+000	4.49373E+001	4.49373E+001	2.49000E-003	0.00000E+000	4.49995E+001
Cement and Mortar Mixers	1.85000E-003	1.16000E-002	9.71000E-003	2.00000E-005	4.50000E-004	4.50000E-004	0.00000E+000	1.44357E+000	1.44357E+000	1.50000E-004	0.00000E+000	1.44732E+000
Graders	1.38300E-002	1.59680E-001	6.64400E-002	2.70000E-004	5.17000E-003	4.75000E-003	0.00000E+000	2.35833E+001	2.35833E+001	7.63000E-003	0.00000E+000	2.37740E+001
Pavers	1.20800E-002	1.13050E-001	1.93890E-001	3.20000E-004	5.28000E-003	4.86000E-003	0.00000E+000	2.76619E+001	2.76619E+001	8.95000E-003	0.00000E+000	2.78855E+001
Paving Equipment	1.06300E-002	9.49200E-002	1.71640E-001	2.70000E-004	4.62000E-003	4.25000E-003	0.00000E+000	2.39731E+001	2.39731E+001	7.75000E-003	0.00000E+000	2.41669E+001
Pumps	9.44000E-003	7.97000E-002	1.17130E-001	2.10000E-004	3.53000E-003	3.53000E-003	0.00000E+000	1.78040E+001	1.78040E+001	7.60000E-004	0.00000E+000	1.78231E+001
Rollers	9.56000E-003	1.00260E-001	1.23880E-001	1.80000E-004	5.22000E-003	4.80000E-003	0.00000E+000	1.54456E+001	1.54456E+001	5.00000E-003	0.00000E+000	1.55705E+001
Rough Terrain Forklifts	1.71300E-002	2.10520E-001	1.41520E-001	6.90000E-004	4.99000E-003	4.59000E-003	0.00000E+000	6.08238E+001	6.08238E+001	1.96700E-002	0.00000E+000	6.13156E+001
Skid Steer Loaders	5.74000E-003	7.64400E-002	1.30420E-001	2.00000E-004	2.39000E-003	2.20000E-003	0.00000E+000	1.71680E+001	1.71680E+001	5.55000E-003	0.00000E+000	1.73068E+001
Tractors/Loaders/Backhoes	1.21500E-002	1.22470E-001	1.96470E-001	2.70000E-004	5.30000E-003	4.88000E-003	0.00000E+000	2.41023E+001	2.41023E+001	7.80000E-003	0.00000E+000	2.42971E+001
Trenchers	1.04500E-002	9.73600E-002	8.14200E-002	1.10000E-004	6.66000E-003	6.13000E-003	0.00000E+000	9.35071E+000	9.35071E+000	3.02000E-003	0.00000E+000	9.42631E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	9.59000E-003	1.86530E-001	3.22500E-001	5.20000E-004	7.00000E-004	7.00000E-004	0.00000E+000	4.49372E+001	4.49372E+001	2.49000E-003	0.00000E+000	4.49995E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	2.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	1.44357E+000	1.44357E+000	1.50000E-004	0.00000E+000	1.44732E+000
Graders	4.39000E-003	7.08100E-002	1.42710E-001	2.70000E-004	4.40000E-004	4.40000E-004	0.00000E+000	2.35833E+001	2.35833E+001	7.63000E-003	0.00000E+000	2.37739E+001
Pavers	3.87000E-003	1.38720E-001	2.38720E-001	3.20000E-004	5.20000E-004	5.20000E-004	0.00000E+000	2.76618E+001	2.76618E+001	8.95000E-003	0.00000E+000	2.78855E+001
Paving Equipment	3.37000E-003	1.20730E-001	2.07770E-001	2.70000E-004	4.50000E-004	4.50000E-004	0.00000E+000	2.39731E+001	2.39731E+001	7.75000E-003	0.00000E+000	2.41669E+001
Pumps	3.80000E-003	7.39000E-002	1.27780E-001	2.10000E-004	2.80000E-004	2.80000E-004	0.00000E+000	1.78040E+001	1.78040E+001	7.60000E-004	0.00000E+000	1.78231E+001
Rollers	3.95000E-003	7.68800E-002	1.32910E-001	1.80000E-004	2.90000E-004	2.90000E-004	0.00000E+000	1.54456E+001	1.54456E+001	5.00000E-003	0.00000E+000	1.55705E+001
Rough Terrain Forklifts	1.13400E-002	1.82900E-001	3.68630E-001	6.90000E-004	1.13000E-003	1.13000E-003	0.00000E+000	6.08237E+001	6.08237E+001	1.96700E-002	0.00000E+000	6.13155E+001
Skid Steer Loaders	4.40000E-003	8.56700E-002	1.48120E-001	2.00000E-004	3.20000E-004	3.20000E-004	0.00000E+000	1.71680E+001	1.71680E+001	5.55000E-003	0.00000E+000	1.73068E+001
Tractors/Loaders/Backhoes	6.13000E-003	1.19200E-001	2.06100E-001	2.70000E-004	4.50000E-004	4.50000E-004	0.00000E+000	2.41022E+001	2.41022E+001	7.80000E-003	0.00000E+000	2.42971E+001
Trenchers	2.38000E-003	4.63700E-002	8.01700E-002	1.10000E-004	1.70000E-004	1.70000E-004	0.00000E+000	9.35070E+000	9.35070E+000	3.02000E-003	0.00000E+000	9.42630E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	6.89945E-001	1.03049E-001	-1.25907E-002	0.00000E+000	9.29150E-001	9.29150E-001	0.00000E+000	1.33519E-006	1.33519E-006	0.00000E+000	0.00000E+000	1.11112E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	6.82574E-001	5.56551E-001	-1.14795E+000	0.00000E+000	9.14894E-001	9.07368E-001	0.00000E+000	1.27209E-006	1.27209E-006	0.00000E+000	0.00000E+000	1.26188E-006
Pavers	6.79636E-001	-2.27068E-001	-2.31214E-001	0.00000E+000	9.01515E-001	8.93004E-001	0.00000E+000	1.08453E-006	1.08453E-006	0.00000E+000	0.00000E+000	1.07583E-006
Paving Equipment	6.82973E-001	-2.71913E-001	-2.10499E-001	0.00000E+000	9.02597E-001	8.94118E-001	0.00000E+000	8.34269E-007	8.34269E-007	0.00000E+000	0.00000E+000	1.24137E-006
Pumps	5.97458E-001	7.27729E-002	-9.09246E-002	0.00000E+000	9.20680E-001	9.20680E-001	0.00000E+000	1.12334E-006	1.12334E-006	0.00000E+000	0.00000E+000	1.12214E-006
Rollers	5.86820E-001	2.33194E-001	-7.28931E-002	0.00000E+000	9.44444E-001	9.39583E-001	0.00000E+000	1.29487E-006	1.29487E-006	0.00000E+000	0.00000E+000	6.42242E-007
Rough Terrain Forklifts	3.38004E-001	1.31199E-001	-1.60479E+000	0.00000E+000	7.73547E-001	7.53813E-001	0.00000E+000	1.15087E-006	1.15087E-006	0.00000E+000	0.00000E+000	1.14163E-006
Skid Steer Loaders	2.33449E-001	-1.20748E-001	-1.35715E-001	0.00000E+000	8.66109E-001	8.54545E-001	0.00000E+000	1.16496E-006	1.16496E-006	0.00000E+000	0.00000E+000	1.15561E-006
Tractors/Loaders/Backhoes	4.95473E-001	2.67004E-002	-4.90151E-002	0.00000E+000	9.15094E-001	9.07787E-001	0.00000E+000	1.24470E-006	1.24470E-006	0.00000E+000	0.00000E+000	1.23471E-006
Trenchers	7.72249E-001	5.23726E-001	1.53525E-002	0.00000E+000	9.74474E-001	9.72268E-001	0.00000E+000	1.06944E-006	1.06944E-006	0.00000E+000	0.00000E+000	1.06086E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input			
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P5 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.04	0.00	0.56	0.53
P5 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P5 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
P5 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P5 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P6 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P6 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	Roads	0.04	0.00	0.02	0.00	0.56	0.53
P6 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P6 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P6 Site Preparation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
P6 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P7 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53

P7 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	Roads	0.05	0.01	0.02	0.00	0.53
P7 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.53
P7 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00
P7 Paving	Roads	0.04	0.00	0.02	0.00	0.52
P7 Site Preperation (mo. 1)	Fugitive Dust	0.01	0.00	0.00	0.00	0.61
P7 Site Preperation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	-140.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				

No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00	2.00	
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	0.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00

No	% Electric Chainsaw	0.00
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Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		

No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - North Village Residential (5-7)	Notes	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Jun-22	North Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2026	North Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	454.71	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
Project Characteristics

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
P5 Site Preparation (mo. 1)	Site Preparation	1-Jun-24	30-Jun-24	5 days/week	20
P5 Building Construction 1 (mo. 2-4)	Building Construction	1-Jul-24	30-Sep-24	5 days/week	66
P5 Building Construction 2 (mo. 5)	Building Construction	1-Oct-24	31-Oct-24	5 days/week	23
P5 Paving	Paving	1-Sep-24	30-Sep-24	5 days/week	21
P5 Architectural Coating	Architectural Coating	1-Aug-24	30-Sep-24	5 days/week	43
P6 Site Preparation (mo. 1)	Site Preparation	1-Oct-24	31-Oct-24	5 days/week	23
P6 Building Construction 1 (mo. 2-4)	Building Construction	30-Nov-24	31-Jan-25	5 days/week	45
P6 Building Construction 2 (mo. 5)	Building Construction	1-Feb-25	28-Feb-25	5 days/week	20
P6 Paving	Paving	1-Sep-24	30-Sep-24	5 days/week	21
P6 Architectural Coating	Architectural Coating	1-Dec-24	31-Jan-25	5 days/week	45
P7 Site Preparation (mo. 1)	Site Preparation	1-Feb-25	28-Feb-25	5 days/week	20
P7 Building Construction 1 (mo. 2-4)	Building Construction	1-Mar-25	31-May-25	5 days/week	65
P7 Building Construction 2 (mo. 5)	Building Construction	1-Jun-25	30-Jun-25	5 days/week	21
P7 Paving	Paving	1-Jan-25	31-Jan-25	5 days/week	23
P7 Architectural Coating	Architectural Coating	1-Apr-25	31-May-25	5 days/week	44

Table 6: Off-Road Equipment

Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor									
All Phases Site Preparation (mo. 1)	Grader	1	8	default										
	Skid Steer	1												
	Trencher	1												
	Pump	1												
	Cement Mixer	1												
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1				8	default							
	Backhoe	1												
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1							8	default				
	Skid Steer	2												
	Cement Mixer	1												
All Phases Paving	default											8	default	
All Phases Architectural Coating	Air Compressor	2												

CalEEMod Input Sheet

Construction Phase

Table 7: Dust from Material Movement

Phase Name	Material Imported	Material Exported	Size Metric	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	default					--	default	
Grading	default	--	cubic yards	default		219.9		

Table 8: Demolition

Phase Name	Size Metric	Unit Amount
default		

Table 9: Construction Trips and VMT

Phase Name	# Trips Worker (/day)	# Trips Vendor (/day)	Total # Trips Hauling	Trip Length Worker (miles)	Trip Length Worker (miles)	Trip Length Hauling (miles)	Vehicle Class Worker	Vehicle Class Vendor	Vehicle Class Hauling
All Phases Site Preparation	Refer to Construction VMT worksheet								
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Paving									
All Phases Architectural C									

**CalEEMod Input Sheet
Construction Phase**

Table 10: On-Road Fugitive Dust

Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
All Phases Site Preparatio	default							
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural C								

Table 11: Architectural Coating

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
P5 Architectural Coating	50	190,802	100	63,601	N/A	0	N/A	0	N/A	--
P6 Architectural Coating	50	72,686	100	24,229	N/A	0	N/A	0	N/A	
P7 Architectural Coating	50	72,686	100	24,229	N/A	0	N/A	0	N/A	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

Proctor Valley EIR - North Village Non-Residential

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	2.30	Acre	2.30	0.00	0
Recreational Swimming Pool	1.00	1000sqft	1.50	1,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	441.1	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT -

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Area Mitigation - Refer to CalEEMod Input Matrix Table 33

Water Mitigation -

Waste Mitigation - Refer to CalEEMod Input Matrix Table 40

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

tblArchitecturalCoating	EF_Parking	250.00	0.00
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	0.00	2.91
tblEnergyUse	NT24E	0.00	4.27
tblEnergyUse	NT24NG	0.00	7.00
tblEnergyUse	T24E	0.00	1.27
tblEnergyUse	T24NG	0.00	4.00
tblGrading	AcresOfGrading	1.50	4.00
tblGrading	AcresOfGrading	1.00	0.00
tblGrading	AcresOfGrading	1.50	0.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,000.00
tblLandUse	GreenSpaceSquareFeet	100,188.00	0.00
tblLandUse	LandUseSquareFeet	100,188.00	0.00
tblLandUse	LotAcreage	0.02	1.50
tblLandUse	RecSwimmingAreaSquareFeet	1,000.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		Site Preparation - Swimming Pool
tblOffRoadEquipment	PhaseName		Site Preparation - Park
tblOffRoadEquipment	PhaseName		Site Preparation - Park
tblOffRoadEquipment	PhaseName		Landscaping
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	441.1
tblProjectCharacteristics	OperationalYear	2018	2027
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblVehicleTrips	ST_TR	22.75	5.00

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

tblVehicleTrips	ST_TR	9.10	45.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	13.60	45.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	33.82	45.00

2.0 Emissions Summary

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.6832	27.4812	18.5114	0.0394	10.2780	1.2299	10.9340	3.7596	1.1316	4.6707	0.0000	3,824.173 2	3,824.173 2	1.2012	0.0000	3,854.201 8
Maximum	2.6832	27.4812	18.5114	0.0394	10.2780	1.2299	10.9340	3.7596	1.1316	4.6707	0.0000	3,824.173 2	3,824.173 2	1.2012	0.0000	3,854.201 8

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.2355	12.4672	23.1358	0.0394	4.1610	0.0956	4.2016	1.4893	0.0956	1.5299	0.0000	3,824.173 2	3,824.173 2	1.2012	0.0000	3,854.201 8
Maximum	1.2355	12.4672	23.1358	0.0394	4.1610	0.0956	4.2016	1.4893	0.0956	1.5299	0.0000	3,824.173 2	3,824.173 2	1.2012	0.0000	3,854.201 8

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	53.95	54.63	-24.98	0.00	59.52	92.23	61.57	60.39	91.55	67.25	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Energy	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
Mobile	0.0589	0.2340	0.6033	2.1400e-003	0.2244	1.6900e-003	0.2261	0.0600	1.5700e-003	0.0615		219.0825	219.0825	0.0115		219.3709
Total	0.0870	0.2370	0.6062	2.1600e-003	0.2244	1.9100e-003	0.2263	0.0600	1.7900e-003	0.0618		222.6287	222.6287	0.0116	7.0000e-005	222.9383

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Energy	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
Mobile	0.0589	0.2340	0.6033	2.1400e-003	0.2244	1.6900e-003	0.2261	0.0600	1.5700e-003	0.0615		219.0825	219.0825	0.0115		219.3709
Total	0.0870	0.2370	0.6062	2.1600e-003	0.2244	1.9100e-003	0.2263	0.0600	1.7900e-003	0.0618		222.6287	222.6287	0.0116	7.0000e-005	222.9383

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - Swimming Pool	Site Preparation	5/1/2024	5/2/2024	5	2	
2	Site Preparation - Park	Site Preparation	5/3/2024	5/3/2024	5	1	
3	Landscaping	Site Preparation	5/4/2024	9/3/2024	5	87	
4	Grading - Swimming Pool	Grading	9/4/2024	9/6/2024	5	3	
5	Grading - Park	Grading	9/7/2024	9/10/2024	5	2	
6	Building Construction - Swimming Pool	Building Construction	9/11/2024	12/3/2024	5	60	
7	Architectural Coating - Swimming Pool	Architectural Coating	12/4/2024	12/10/2024	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,500; Non-Residential Outdoor: 500; Striped Parking Area: 0
(Architectural Coating – sqft)

OffRoad Equipment

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation - Park	Graders	0		187	0.41
Site Preparation - Park	Scrapers	0		367	0.48
Site Preparation - Park	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Park	Graders	1	8.00	187	0.41
Grading - Park	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Park	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation - Swimming Pool	Graders	0		187	0.41
Site Preparation - Swimming Pool	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Swimming Pool	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Swimming Pool	Graders	1	8.00	187	0.41
Grading - Swimming Pool	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Swimming Pool	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction - Swimming Pool	Cranes	1	7.00	231	0.29
Building Construction - Swimming Pool	Forklifts	3	8.00	89	0.20
Building Construction - Swimming Pool	Generator Sets	1	8.00	84	0.74
Building Construction - Swimming Pool	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Swimming Pool	Welders	1	8.00	46	0.45
Architectural Coating - Swimming Pool	Air Compressors	1	6.00	78	0.48
Landscaping	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation - Park	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Park	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Swimming Pool	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Swimming Pool	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Swimming Pool	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Swimming Pool	1	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.2 Site Preparation - Swimming Pool - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.010 0	3,688.010 0	1.1928		3,717.829 4
Total	2.6609	27.1760	18.3356	0.0381	6.0221	1.2294	7.2514	3.3102	1.1310	4.4412		3,688.010 0	3,688.010 0	1.1928		3,717.829 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	2.1900	5.8000e-004	2.1906	0.2289	5.5000e-004	0.2295		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.2 Site Preparation - Swimming Pool - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4
Total	0.6967	12.1620	22.9600	0.0381	2.3486	0.0621	2.4107	1.2910	0.0621	1.3531	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	0.9723	5.8000e-004	0.9729	0.1073	5.5000e-004	0.1078		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.3 Site Preparation - Park - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5757	5.7930	8.9424	0.0125		0.2659	0.2659		0.2446	0.2446		1,207.067 0	1,207.067 0	0.3904		1,216.826 7
Total	0.5757	5.7930	8.9424	0.0125	0.5303	0.2659	0.7961	0.0573	0.2446	0.3018		1,207.067 0	1,207.067 0	0.3904		1,216.826 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	2.1900	5.8000e-004	2.1906	0.2289	5.5000e-004	0.2295		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.3 Site Preparation - Park - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.2785	5.4184	9.3683	0.0125		0.0203	0.0203		0.0203	0.0203	0.0000	1,207.067 0	1,207.067 0	0.3904		1,216.826 7
Total	0.2785	5.4184	9.3683	0.0125	0.2068	0.0203	0.2271	0.0223	0.0203	0.0426	0.0000	1,207.067 0	1,207.067 0	0.3904		1,216.826 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	0.9723	5.8000e-004	0.9729	0.1073	5.5000e-004	0.1078		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.4 Landscaping - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1246	1.6529	2.7690	4.1500e-003		0.0531	0.0531		0.0489	0.0489		401.1345	401.1345	0.1297		404.3779
Total	0.1246	1.6529	2.7690	4.1500e-003	0.0000	0.0531	0.0531	0.0000	0.0489	0.0489		401.1345	401.1345	0.1297		404.3779

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	2.1900	5.8000e-004	2.1906	0.2289	5.5000e-004	0.2295		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.4 Landscaping - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1500e-003		0.0950	0.0950		0.0950	0.0950	0.0000	401.1345	401.1345	0.1297		404.3779
Total	0.1018	2.3245	3.1389	4.1500e-003	0.0000	0.0950	0.0950	0.0000	0.0950	0.0950	0.0000	401.1345	401.1345	0.1297		404.3779

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	0.9723	5.8000e-004	0.9729	0.1073	5.5000e-004	0.1078		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.5 Grading - Swimming Pool - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.4361	0.0000	7.4361	3.4629	0.0000	3.4629			0.0000			0.0000
Off-Road	1.4814	15.6281	11.4943	0.0245		0.6553	0.6553		0.6029	0.6029		2,372.7887	2,372.7887	0.7674		2,391.9739
Total	1.4814	15.6281	11.4943	0.0245	7.4361	0.6553	8.0914	3.4629	0.6029	4.0658		2,372.7887	2,372.7887	0.7674		2,391.9739

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	2.8419	6.9000e-004	2.8426	0.2967	6.5000e-004	0.2973		149.7735	149.7735	8.7000e-003		149.9911

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.5 Grading - Swimming Pool - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9001	0.0000	2.9001	1.3505	0.0000	1.3505			0.0000			0.0000
Off-Road	0.4565	8.0561	15.0726	0.0245		0.0400	0.0400		0.0400	0.0400	0.0000	2,372.788 7	2,372.788 7	0.7674		2,391.973 9
Total	0.4565	8.0561	15.0726	0.0245	2.9001	0.0400	2.9400	1.3505	0.0400	1.3905	0.0000	2,372.788 7	2,372.788 7	0.7674		2,391.973 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	1.2609	6.9000e-004	1.2616	0.1387	6.5000e-004	0.1394		149.7735	149.7735	8.7000e-003		149.9911

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.6 Grading - Park - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.4814	15.6281	11.4943	0.0245		0.6553	0.6553		0.6029	0.6029		2,372.7887	2,372.7887	0.7674		2,391.9739
Total	1.4814	15.6281	11.4943	0.0245	6.5523	0.6553	7.2077	3.3675	0.6029	3.9704		2,372.7887	2,372.7887	0.7674		2,391.9739

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	2.8419	6.9000e-004	2.8426	0.2967	6.5000e-004	0.2973		149.7735	149.7735	8.7000e-003		149.9911

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.6 Grading - Park - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	0.4565	8.0561	15.0726	0.0245		0.0400	0.0400		0.0400	0.0400	0.0000	2,372.788 7	2,372.788 7	0.7674		2,391.973 9
Total	0.4565	8.0561	15.0726	0.0245	2.5554	0.0400	2.5954	1.3133	0.0400	1.3533	0.0000	2,372.788 7	2,372.788 7	0.7674		2,391.973 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	1.2609	6.9000e-004	1.2616	0.1387	6.5000e-004	0.1394		149.7735	149.7735	8.7000e-003		149.9911

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.7 Building Construction - Swimming Pool - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	2.8419	6.9000e-004	2.8426	0.2967	6.5000e-004	0.2973		149.7735	149.7735	8.7000e-003		149.9911

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.7 Building Construction - Swimming Pool - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0202	0.0116	0.1201	4.1000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		40.8307	40.8307	1.0100e-003		40.8560
Total	0.0290	0.3090	0.2158	1.4200e-003	1.2609	6.9000e-004	1.2616	0.1387	6.5000e-004	0.1394		149.7735	149.7735	8.7000e-003		149.9911

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.8 Architectural Coating - Swimming Pool - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	1.3395	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	2.1900	5.8000e-004	2.1906	0.2289	5.5000e-004	0.2295		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

3.8 Architectural Coating - Swimming Pool - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	1.2132	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	0.9723	5.8000e-004	0.9729	0.1073	5.5000e-004	0.1078		136.1632	136.1632	8.3700e-003		136.3724

4.0 Operational Detail - Mobile

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0589	0.2340	0.6033	2.1400e-003	0.2244	1.6900e-003	0.2261	0.0600	1.5700e-003	0.0615		219.0825	219.0825	0.0115		219.3709
Unmitigated	0.0589	0.2340	0.6033	2.1400e-003	0.2244	1.6900e-003	0.2261	0.0600	1.5700e-003	0.0615		219.0825	219.0825	0.0115		219.3709

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	11.50	11.50	11.50	24,551	24,551
Recreational Swimming Pool	45.00	45.00	45.00	81,328	81,328
Total	56.50	56.50	56.50	105,878	105,878

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Recreational Swimming Pool	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
NaturalGas Unmitigated	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	30.137	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
Total		3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.030137	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
Total		3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666

6.0 Area Detail**6.1 Mitigation Measures Area**

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Unmitigated	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.3500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Total	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.3500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Total	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Proctor Valley EIR - North Village Non-Residential - San Diego County, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

Proctor Valley EIR - North Village Non-Residential

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
City Park	2.30	Acre	2.30	0.00	0
Recreational Swimming Pool	1.00	1000sqft	1.50	1,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	441.1	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT -

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation - Refer to CalEEMod Input Matrix Table 32

Area Mitigation - Refer to CalEEMod Input Matrix Table 33

Water Mitigation -

Waste Mitigation - Refer to CalEEMod Input Matrix Table 40

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00

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tblArchitecturalCoating	EF_Parking	250.00	0.00
tblAreaCoating	Area_EF_Residential_Exterior	250	100
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	0.00	2.91
tblEnergyUse	NT24E	0.00	4.27
tblEnergyUse	NT24NG	0.00	7.00
tblEnergyUse	T24E	0.00	1.27
tblEnergyUse	T24NG	0.00	4.00
tblGrading	AcresOfGrading	1.50	4.00
tblGrading	AcresOfGrading	1.00	0.00
tblGrading	AcresOfGrading	1.50	0.50
tblLandUse	BuildingSpaceSquareFeet	0.00	1,000.00
tblLandUse	GreenSpaceSquareFeet	100,188.00	0.00
tblLandUse	LandUseSquareFeet	100,188.00	0.00
tblLandUse	LotAcreage	0.02	1.50
tblLandUse	RecSwimmingAreaSquareFeet	1,000.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		Site Preparation - Swimming Pool
tblOffRoadEquipment	PhaseName		Site Preparation - Park
tblOffRoadEquipment	PhaseName		Site Preparation - Park
tblOffRoadEquipment	PhaseName		Landscaping
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	441.1
tblProjectCharacteristics	OperationalYear	2018	2027
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	4.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	6.00
tblTripsAndVMT	WorkerTripNumber	10.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	6.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblVehicleTrips	ST_TR	22.75	5.00

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

tblVehicleTrips	ST_TR	9.10	45.00
tblVehicleTrips	SU_TR	16.74	5.00
tblVehicleTrips	SU_TR	13.60	45.00
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	33.82	45.00

2.0 Emissions Summary

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	2.6810	27.4817	18.5086	0.0394	10.2780	1.2299	10.9340	3.7596	1.1315	4.6707	0.0000	3,828.8065	3,828.8065	1.2008	0.0000	3,858.8265
Maximum	2.6810	27.4817	18.5086	0.0394	10.2780	1.2299	10.9340	3.7596	1.1315	4.6707	0.0000	3,828.8065	3,828.8065	1.2008	0.0000	3,858.8265

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2024	1.2334	12.4677	23.1330	0.0394	4.1610	0.0956	4.2016	1.4893	0.0955	1.5298	0.0000	3,828.8065	3,828.8065	1.2008	0.0000	3,858.8265
Maximum	1.2334	12.4677	23.1330	0.0394	4.1610	0.0956	4.2016	1.4893	0.0955	1.5298	0.0000	3,828.8065	3,828.8065	1.2008	0.0000	3,858.8265

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	54.00	54.63	-24.99	0.00	59.52	92.23	61.57	60.39	91.56	67.25	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Energy	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
Mobile	0.0612	0.2304	0.6025	2.2600e-003	0.2244	1.6800e-003	0.2261	0.0600	1.5600e-003	0.0615		230.9159	230.9159	0.0114		231.2001
Total	0.0893	0.2333	0.6053	2.2800e-003	0.2244	1.9000e-003	0.2263	0.0600	1.7800e-003	0.0617		234.4621	234.4621	0.0114	7.0000e-005	234.7674

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Energy	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
Mobile	0.0612	0.2304	0.6025	2.2600e-003	0.2244	1.6800e-003	0.2261	0.0600	1.5600e-003	0.0615		230.9159	230.9159	0.0114		231.2001
Total	0.0893	0.2333	0.6053	2.2800e-003	0.2244	1.9000e-003	0.2263	0.0600	1.7800e-003	0.0617		234.4621	234.4621	0.0114	7.0000e-005	234.7674

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation - Swimming Pool	Site Preparation	5/1/2024	5/2/2024	5	2	
2	Site Preparation - Park	Site Preparation	5/3/2024	5/3/2024	5	1	
3	Landscaping	Site Preparation	5/4/2024	9/3/2024	5	87	
4	Grading - Swimming Pool	Grading	9/4/2024	9/6/2024	5	3	
5	Grading - Park	Grading	9/7/2024	9/10/2024	5	2	
6	Building Construction - Swimming Pool	Building Construction	9/11/2024	12/3/2024	5	60	
7	Architectural Coating - Swimming Pool	Architectural Coating	12/4/2024	12/10/2024	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 1,500; Non-Residential Outdoor: 500; Striped Parking Area: 0
(Architectural Coating – sqft)

OffRoad Equipment

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation - Park	Graders	0		187	0.41
Site Preparation - Park	Scrapers	0		367	0.48
Site Preparation - Park	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Park	Graders	1	8.00	187	0.41
Grading - Park	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Park	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation - Swimming Pool	Graders	0		187	0.41
Site Preparation - Swimming Pool	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation - Swimming Pool	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading - Swimming Pool	Graders	1	8.00	187	0.41
Grading - Swimming Pool	Rubber Tired Dozers	1	8.00	247	0.40
Grading - Swimming Pool	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction - Swimming Pool	Cranes	1	7.00	231	0.29
Building Construction - Swimming Pool	Forklifts	3	8.00	89	0.20
Building Construction - Swimming Pool	Generator Sets	1	8.00	84	0.74
Building Construction - Swimming Pool	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction - Swimming Pool	Welders	1	8.00	46	0.45
Architectural Coating - Swimming Pool	Air Compressors	1	6.00	78	0.48
Landscaping	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation - Park	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Park	4	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation - Swimming Pool	3	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading - Swimming Pool	3	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction - Swimming Pool	9	6.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating - Swimming Pool	1	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.2 Site Preparation - Swimming Pool - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.0221	0.0000	6.0221	3.3102	0.0000	3.3102			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.010 0	3,688.010 0	1.1928		3,717.829 4
Total	2.6609	27.1760	18.3356	0.0381	6.0221	1.2294	7.2514	3.3102	1.1310	4.4412		3,688.010 0	3,688.010 0	1.1928		3,717.829 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.2 Site Preparation - Swimming Pool - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.3486	0.0000	2.3486	1.2910	0.0000	1.2910			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4
Total	0.6967	12.1620	22.9600	0.0381	2.3486	0.0621	2.4107	1.2910	0.0621	1.3531	0.0000	3,688.010 0	3,688.010 0	1.1928		3,717.829 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.3 Site Preparation - Park - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5757	5.7930	8.9424	0.0125		0.2659	0.2659		0.2446	0.2446		1,207.067 0	1,207.067 0	0.3904		1,216.826 7
Total	0.5757	5.7930	8.9424	0.0125	0.5303	0.2659	0.7961	0.0573	0.2446	0.3018		1,207.067 0	1,207.067 0	0.3904		1,216.826 7

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.3 Site Preparation - Park - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2068	0.0000	0.2068	0.0223	0.0000	0.0223			0.0000			0.0000
Off-Road	0.2785	5.4184	9.3683	0.0125		0.0203	0.0203		0.0203	0.0203	0.0000	1,207.0670	1,207.0670	0.3904		1,216.8267
Total	0.2785	5.4184	9.3683	0.0125	0.2068	0.0203	0.2271	0.0223	0.0203	0.0426	0.0000	1,207.0670	1,207.0670	0.3904		1,216.8267

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.4 Landscaping - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1246	1.6529	2.7690	4.1500e-003		0.0531	0.0531		0.0489	0.0489		401.1345	401.1345	0.1297		404.3779
Total	0.1246	1.6529	2.7690	4.1500e-003	0.0000	0.0531	0.0531	0.0000	0.0489	0.0489		401.1345	401.1345	0.1297		404.3779

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.4 Landscaping - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1500e-003		0.0950	0.0950		0.0950	0.0950	0.0000	401.1345	401.1345	0.1297		404.3779
Total	0.1018	2.3245	3.1389	4.1500e-003	0.0000	0.0950	0.0950	0.0000	0.0950	0.0950	0.0000	401.1345	401.1345	0.1297		404.3779

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.5 Grading - Swimming Pool - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.4361	0.0000	7.4361	3.4629	0.0000	3.4629			0.0000			0.0000
Off-Road	1.4814	15.6281	11.4943	0.0245		0.6553	0.6553		0.6029	0.6029		2,372.788 7	2,372.788 7	0.7674		2,391.973 9
Total	1.4814	15.6281	11.4943	0.0245	7.4361	0.6553	8.0914	3.4629	0.6029	4.0658		2,372.788 7	2,372.788 7	0.7674		2,391.973 9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	2.8419	6.7000e-004	2.8426	0.2967	6.3000e-004	0.2973		155.2933	155.2933	8.3900e-003		155.5028

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.5 Grading - Swimming Pool - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9001	0.0000	2.9001	1.3505	0.0000	1.3505			0.0000			0.0000
Off-Road	0.4565	8.0561	15.0726	0.0245		0.0400	0.0400		0.0400	0.0400	0.0000	2,372.788 7	2,372.788 7	0.7674		2,391.973 9
Total	0.4565	8.0561	15.0726	0.0245	2.9001	0.0400	2.9400	1.3505	0.0400	1.3905	0.0000	2,372.788 7	2,372.788 7	0.7674		2,391.973 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	1.2609	6.7000e-004	1.2616	0.1387	6.3000e-004	0.1394		155.2933	155.2933	8.3900e-003		155.5028

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.6 Grading - Park - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.5523	0.0000	6.5523	3.3675	0.0000	3.3675			0.0000			0.0000
Off-Road	1.4814	15.6281	11.4943	0.0245		0.6553	0.6553		0.6029	0.6029		2,372.788 7	2,372.788 7	0.7674		2,391.973 9
Total	1.4814	15.6281	11.4943	0.0245	6.5523	0.6553	7.2077	3.3675	0.6029	3.9704		2,372.788 7	2,372.788 7	0.7674		2,391.973 9

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	2.8419	6.7000e-004	2.8426	0.2967	6.3000e-004	0.2973		155.2933	155.2933	8.3900e-003		155.5028

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.6 Grading - Park - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.5554	0.0000	2.5554	1.3133	0.0000	1.3133			0.0000			0.0000
Off-Road	0.4565	8.0561	15.0726	0.0245		0.0400	0.0400		0.0400	0.0400	0.0000	2,372.788 7	2,372.788 7	0.7674		2,391.973 9
Total	0.4565	8.0561	15.0726	0.0245	2.5554	0.0400	2.5954	1.3133	0.0400	1.3533	0.0000	2,372.788 7	2,372.788 7	0.7674		2,391.973 9

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	1.2609	6.7000e-004	1.2616	0.1387	6.3000e-004	0.1394		155.2933	155.2933	8.3900e-003		155.5028

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.7 Building Construction - Swimming Pool - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	1.9557	3.2000e-004	1.9561	0.2032	3.0000e-004	0.2035		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	2.8419	6.7000e-004	2.8426	0.2967	6.3000e-004	0.2973		155.2933	155.2933	8.3900e-003		155.5028

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.7 Building Construction - Swimming Pool - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0176	0.0103	0.1285	4.4000e-004	0.8659	3.2000e-004	0.8662	0.0943	3.0000e-004	0.0946		43.4902	43.4902	1.0800e-003		43.5171
Total	0.0260	0.3091	0.2158	1.4700e-003	1.2609	6.7000e-004	1.2616	0.1387	6.3000e-004	0.1394		155.2933	155.2933	8.3900e-003		155.5028

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.8 Architectural Coating - Swimming Pool - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	1.3395	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

3.8 Architectural Coating - Swimming Pool - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.1588					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	1.2132	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		140.7965	140.7965	8.0300e-003		140.9971

4.0 Operational Detail - Mobile

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0612	0.2304	0.6025	2.2600e-003	0.2244	1.6800e-003	0.2261	0.0600	1.5600e-003	0.0615		230.9159	230.9159	0.0114		231.2001
Unmitigated	0.0612	0.2304	0.6025	2.2600e-003	0.2244	1.6800e-003	0.2261	0.0600	1.5600e-003	0.0615		230.9159	230.9159	0.0114		231.2001

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	11.50	11.50	11.50	24,551	24,551
Recreational Swimming Pool	45.00	45.00	45.00	81,328	81,328
Total	56.50	56.50	56.50	105,878	105,878

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Recreational Swimming Pool	9.50	7.30	7.30	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870
Recreational Swimming Pool	0.613162	0.038013	0.177872	0.099323	0.012979	0.005313	0.017297	0.024998	0.001928	0.001754	0.005717	0.000774	0.000870

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
NaturalGas Unmitigated	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	30.137	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
Total		3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0.030137	3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666
Total		3.3000e-004	2.9500e-003	2.4800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004		3.5455	3.5455	7.0000e-005	7.0000e-005	3.5666

6.0 Area Detail**6.1 Mitigation Measures Area**

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Unmitigated	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.3500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Total	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	6.3500e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0214					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	3.0000e-005	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004
Total	0.0278	0.0000	3.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		7.2000e-004	7.2000e-004	0.0000		7.7000e-004

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Proctor Valley EIR - North Village Non-Residential - San Diego County, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - North Village Non-Residential
San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating - Swimming Pool	0.09	0.10	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Swimming Pool	0.63	0.18	-0.10	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Park	0.68	0.47	-0.31	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Grading - Swimming Pool	0.68	0.48	-0.31	0.00	0.94	0.93	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.16	-0.34	-0.13	0.00	-0.78	-0.93	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Park	0.50	0.06	-0.05	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation - Swimming Pool	0.73	0.55	-0.25	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	1	1	No Change	0.00
Cranes	Diesel	Tier 4 Interim	1	1	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	3	3	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	1	1	No Change	0.00
Graders	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	3	3	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	1	1	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	8	8	No Change	0.00
Welders	Diesel	Tier 4 Interim	1	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	4.50000E-004	3.05000E-003	4.53000E-003	1.00000E-005	1.50000E-004	1.50000E-004	0.00000E+000	6.38310E-001	6.38310E-001	4.00000E-005	0.00000E+000	6.39210E-001
Cranes	8.71000E-003	9.19900E-002	4.65900E-002	1.50000E-004	3.83000E-003	3.52000E-003	0.00000E+000	1.33072E+001	1.33072E+001	4.30000E-003	0.00000E+000	1.34148E+001
Forklifts	8.48000E-003	7.95200E-002	1.02540E-001	1.40000E-004	4.59000E-003	4.22000E-003	0.00000E+000	1.20862E+001	1.20862E+001	3.91000E-003	0.00000E+000	1.21839E+001
Generator Sets	8.55000E-003	7.63400E-002	1.09920E-001	2.00000E-004	3.32000E-003	3.32000E-003	0.00000E+000	1.69562E+001	1.69562E+001	6.90000E-004	0.00000E+000	1.69734E+001
Graders	8.90000E-004	1.03900E-002	4.14000E-003	2.00000E-005	3.40000E-004	3.10000E-004	0.00000E+000	1.45265E+000	1.45265E+000	4.70000E-004	0.00000E+000	1.46439E+000
Rubber Tired Dozers	3.82000E-003	3.92000E-002	1.72200E-002	5.00000E-005	1.77000E-003	1.63000E-003	0.00000E+000	4.12623E+000	4.12623E+000	1.33000E-003	0.00000E+000	4.15960E+000
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	5.42000E-003	7.19000E-002	1.20450E-001	1.80000E-004	2.31000E-003	2.13000E-003	0.00000E+000	1.58298E+001	1.58298E+001	5.12000E-003	0.00000E+000	1.59578E+001
Tractors/Loaders/Backhoes	1.32800E-002	1.33600E-001	2.06230E-001	2.90000E-004	6.13000E-003	5.64000E-003	0.00000E+000	2.52542E+001	2.52542E+001	8.17000E-003	0.00000E+000	2.54584E+001
Welders	7.08000E-003	4.14200E-002	4.99100E-002	8.00000E-005	1.42000E-003	1.42000E-003	0.00000E+000	5.64662E+000	5.64662E+000	5.80000E-004	0.00000E+000	5.66103E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	1.40000E-004	2.65000E-003	4.58000E-003	1.00000E-005	1.00000E-005	1.00000E-005	0.00000E+000	6.38310E-001	6.38310E-001	4.00000E-005	0.00000E+000	6.39210E-001
Cranes	2.48000E-003	4.00100E-002	8.06400E-002	1.50000E-004	2.50000E-004	2.50000E-004	0.00000E+000	1.33072E+001	1.33072E+001	4.30000E-003	0.00000E+000	1.34148E+001
Forklifts	3.11000E-003	6.04600E-002	1.04540E-001	1.40000E-004	2.30000E-004	2.30000E-004	0.00000E+000	1.20862E+001	1.20862E+001	3.91000E-003	0.00000E+000	1.21839E+001
Generator Sets	3.62000E-003	7.03800E-002	1.21690E-001	2.00000E-004	2.60000E-004	2.60000E-004	0.00000E+000	1.69562E+001	1.69562E+001	6.90000E-004	0.00000E+000	1.69734E+001
Graders	2.70000E-004	4.36000E-003	8.79000E-003	2.00000E-005	3.00000E-005	3.00000E-005	0.00000E+000	1.45264E+000	1.45264E+000	4.70000E-004	0.00000E+000	1.46439E+000
Rubber Tired Dozers	7.70000E-004	1.23600E-002	2.49200E-002	5.00000E-005	8.00000E-005	8.00000E-005	0.00000E+000	4.12623E+000	4.12623E+000	1.33000E-003	0.00000E+000	4.15959E+000
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	4.43000E-003	1.01110E-001	1.36540E-001	1.80000E-004	4.13000E-003	4.13000E-003	0.00000E+000	1.58298E+001	1.58298E+001	5.12000E-003	0.00000E+000	1.59578E+001
Tractors/Loaders/Balckhoes	6.42000E-003	1.24960E-001	2.16060E-001	2.90000E-004	4.70000E-004	4.70000E-004	0.00000E+000	2.52542E+001	2.52542E+001	8.17000E-003	0.00000E+000	2.54584E+001
Welders	1.31000E-003	4.98300E-002	4.49100E-002	8.00000E-005	1.40000E-003	1.40000E-003	0.00000E+000	5.64661E+000	5.64661E+000	5.80000E-004	0.00000E+000	5.66102E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	6.88889E-001	1.31148E-001	-1.10375E-002	0.00000E+000	9.33333E-001	9.33333E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cranes	7.15270E-001	5.65061E-001	-7.30844E-001	0.00000E+000	9.34726E-001	9.28977E-001	0.00000E+000	7.51472E-007	7.51472E-007	0.00000E+000	0.00000E+000	1.49089E-006
Forklifts	6.33255E-001	2.39688E-001	-1.95046E-002	0.00000E+000	9.49891E-001	9.45498E-001	0.00000E+000	1.65478E-006	1.65478E-006	0.00000E+000	0.00000E+000	8.20753E-007
Generator Sets	5.76608E-001	7.80718E-002	-1.07078E-001	0.00000E+000	9.21687E-001	9.21687E-001	0.00000E+000	1.17951E-006	1.17951E-006	0.00000E+000	0.00000E+000	1.17832E-006
Graders	6.96629E-001	5.80366E-001	-1.12319E+000	0.00000E+000	9.11765E-001	9.03226E-001	0.00000E+000	6.88397E-006	6.88397E-006	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	7.98429E-001	6.84694E-001	-4.47154E-001	0.00000E+000	9.54802E-001	9.50920E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.40408E-006
Scrapers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Skid Steer Loaders	1.82657E-001	-4.06259E-001	-1.33582E-001	0.00000E+000	-7.87879E-001	-9.38967E-001	0.00000E+000	6.31721E-007	6.31721E-007	0.00000E+000	0.00000E+000	1.25331E-006
Tractors/Loaders/Balckhoes	5.16566E-001	6.46707E-002	-4.76652E-002	0.00000E+000	9.23328E-001	9.16667E-001	0.00000E+000	1.18792E-006	1.18792E-006	0.00000E+000	0.00000E+000	1.57119E-006
Welders	8.14972E-001	-2.03042E-001	1.00180E-001	0.00000E+000	1.40845E-002	1.40845E-002	0.00000E+000	1.77097E-006	1.77097E-006	0.00000E+000	0.00000E+000	1.76646E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction 30.00
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction 0.00
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction 61.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph) 15.00
Yes	Clean Paved Road	% PM Reduction	0.00	

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating - Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating - Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.55	0.53
Building Construction - Swimming Pool	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction - Swimming Pool	Roads	0.08	0.01	0.03	0.00	0.55	0.53
Grading - Park	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading - Park	Roads	0.00	0.00	0.00	0.00	0.56	0.50
Grading - Swimming Pool	Fugitive Dust	0.01	0.01	0.00	0.00	0.61	0.61
Grading - Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.56	0.53
Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	Roads	0.09	0.01	0.04	0.00	0.55	0.53
Site Preparation - Park	Fugitive Dust	0.00	0.00	0.00	0.00	0.63	0.67
Site Preparation - Park	Roads	0.00	0.00	0.00	0.00	0.55	0.50
Site Preparation - Swimming Pool	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Site Preparation - Swimming Pool	Roads	0.00	0.00	0.00	0.00	0.55	0.50

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
---------------------	-------------

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00
--	-------

CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - North Village Non-Residential	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-May-24	North Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2027	NorthVillage Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	441.1	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
Project Characteristics

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days	Phase Description
Site Preparation - Swimming Pool	Site Preparation	1-May-24	2-May-24	5	2	--
Grading - Swimming Pool	Grading	3-May-24	7-May-24	5	3	
Building Construction - Swimming Pool	Building Construction	8-May-24	30-Jul-24	5	60	
Architectural Coating - Swimming Pool	Architectural Coating	31-Jul-24	6-Aug-24	5	5	
Site Preparation - Park	Site Preparation	1-Nov-21	1-Nov-21	5	1	
Grading - Park	Grading	2-Nov-21	3-Nov-21	5	2	
Landscaping	Site Preparation	1-Sep-24	31-Dec-24	5	87	

Table 6: Off-Road Equipment

Phase Name	Equipment	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor
Site Preparation - Swimming Pool	default				
Grading - Swimming Pool					
Building Construction - Swimming Pool					
Paving - Swimming Pool					
Architectural Coating - Swimming Pool					
Site Preparation - Park					
Grading - Park					
Landscaping	Skidsteer	2		default	

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement							
Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep				--			
Grading				--			
Notes: All soil export assumed in North Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
--		

Table 7: Dust from Material Movement							
Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	--						
Grading	--						
Notes: All soil export assumed in South Village Residential CalEEMod inputs							

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
--		

CalEEMod Input Sheet
Construction Phase

Table 10: On-Road Fugitive Dust

Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
Demolition	default							
Site Preparation								
Grading								
Building Construction								
Paving								
Architectural Coating								

Table 11: Architectural Coating

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
Architectural Coating - Swimming Pool	N/A	0	N/A	0	50	1,500	100	500	100	0

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	default
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Proctor Valley EIR - PA 16-19 Residential
San Diego County, Winter**1.0 Project Characteristics**

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation -

Water Mitigation -

Waste Mitigation -

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

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Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	70,228.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	70,228.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	41,499.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	210,685.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	210,685.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
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tblArchitecturalCoating	EF_Parking	250.00	0.00
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tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
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tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	NumberGas	68.75	125.00
tblFireplaces	NumberNoFireplace	12.50	0.00
tblFireplaces	NumberWood	43.75	0.00
tblLandUse	BuildingSpaceSquareFeet	225,000.00	591,125.00
tblLandUse	LandUseSquareFeet	225,000.00	591,125.00
tblLandUse	LotAcreage	40.58	368.00
tblLandUse	Population	358.00	344.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00

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[illegible]

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	PhaseName		P3 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P3 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P4 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		Site Preparation -2
tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tbloffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P4 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P5 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)
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tbloffRoadEquipment	PhaseName	P2 Building Construction 2 (mo. 5)
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tbloffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P4 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P4 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P5 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P5 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P1 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P1 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	Utilities -2
tbloffRoadEquipment	PhaseName	Utilities -1
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tbloffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P4 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P4 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P5 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P5 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P1 Building Construction 2 (mo. 5)
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[illegible]

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tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	0.00

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[illegible]

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

[illegible]

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	2,731.00
tblTripsAndVMT	HaulingTripNumber	0.00	232.00
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	VendorTripLength	7.30	47.30
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	23.00	5.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	30.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	30.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	23.00	5.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	30.00	8.00
tblTripsAndVMT	WorkerTripNumber	45.00	8.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblTripsAndVMT	WorkerTripNumber	45.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	30.00	8.00
tblTripsAndVMT	WorkerTripNumber	45.00	8.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	30.00	6.00
tblTripsAndVMT	WorkerTripNumber	45.00	6.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	6.00
tblVehicleTrips	ST_TR	9.91	12.00
tblVehicleTrips	SU_TR	8.62	12.00
tblVehicleTrips	WD_TR	9.52	12.00
tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	11.9886	39.6573	33.6948	0.0775	44.4225	1.5914	46.0139	15.3359	1.4641	16.7999	0.0000	7,534.513 2	7,534.513 2	2.3236	0.0000	7,592.602 7
2024	8.3279	37.4369	33.4900	0.0777	55.4467	1.4846	56.9313	20.3636	1.3659	20.9809	0.0000	7,554.277 8	7,554.277 8	2.3245	0.0000	7,612.389 6
2025	19.6546	12.7191	20.4357	0.0349	21.6472	0.5187	22.0943	10.3056	0.4784	10.7261	0.0000	3,395.161 6	3,395.161 6	0.9812	0.0000	3,419.692 4
2026	20.1036	6.1241	9.6536	0.0166	4.5888	0.2285	4.8173	0.4788	0.2213	0.7001	0.0000	1,610.732 7	1,610.732 7	0.2593	0.0000	1,617.215 0
Maximum	20.1036	39.6573	33.6948	0.0777	55.4467	1.5914	56.9313	20.3636	1.4641	20.9809	0.0000	7,554.277 8	7,554.277 8	2.3245	0.0000	7,612.389 6

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	11.5129	24.1485	44.8679	0.0775	18.1538	0.1225	18.2763	6.0897	0.1224	6.2120	0.0000	7,534.513 2	7,534.513 2	2.3236	0.0000	7,592.602 7
2024	7.8920	24.5394	44.9979	0.0777	22.8801	0.1396	23.0027	7.9764	0.1395	8.0687	0.0000	7,554.277 8	7,554.277 8	2.3245	0.0000	7,612.389 6
2025	19.2624	14.7745	23.5502	0.0349	8.6046	0.1398	8.6778	4.0433	0.1397	4.1164	0.0000	3,395.161 6	3,395.161 6	0.9812	0.0000	3,419.692 4
2026	19.7114	6.1406	10.1528	0.0166	2.0356	0.1012	2.0579	0.2238	0.1012	0.2492	0.0000	1,610.732 7	1,610.732 7	0.2593	0.0000	1,617.215 0
Maximum	19.7114	24.5394	44.9979	0.0777	22.8801	0.1398	23.0027	7.9764	0.1397	8.0687	0.0000	7,554.277 8	7,554.277 8	2.3245	0.0000	7,612.389 6

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.82	27.45	-27.03	0.00	59.02	86.84	59.94	60.56	85.76	62.11	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.627 9	2,665.627 9	0.0685	0.0485	2,681.802 6
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.687 4	1,067.687 4	0.0205	0.0196	1,074.032 1
Mobile	1.7647	7.2779	20.9473	0.0820	9.0771	0.0593	9.1364	2.4251	0.0551	2.4802		8,387.670 3	8,387.670 3	0.4143		8,398.028 9
Total	18.1048	10.3065	32.4885	0.1011	9.0771	0.3518	9.4289	2.4251	0.3476	2.7727	0.0000	12,120.98 55	12,120.98 55	0.5033	0.0681	12,153.86 36

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.627 9	2,665.627 9	0.0685	0.0485	2,681.802 6
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.687 4	1,067.687 4	0.0205	0.0196	1,074.032 1
Mobile	1.7647	7.2779	20.9473	0.0820	9.0771	0.0593	9.1364	2.4251	0.0551	2.4802		8,387.670 3	8,387.670 3	0.4143		8,398.028 9
Total	18.1048	10.3065	32.4885	0.1011	9.0771	0.3518	9.4289	2.4251	0.3476	2.7727	0.0000	12,120.98 55	12,120.98 55	0.5033	0.0681	12,153.86 36

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation -1	Site Preparation	4/1/2023	4/30/2023	5	20	
2	Utilities -1	Site Preparation	5/1/2023	6/30/2023	5	45	
3	Grading -1	Grading	5/1/2023	5/30/2023	5	22	
4	P1 Paving	Paving	6/1/2023	6/30/2023	5	22	
5	P1 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
6	P1 Building Construction 1 (mo. 2 -4)	Building Construction	8/1/2023	10/31/2023	5	66	
7	P1 Architectural Coating	Architectural Coating	9/1/2023	10/31/2023	5	43	
8	P1 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
9	Site Preparation -2	Site Preparation	1/1/2024	1/31/2024	5	23	
10	Grading -2	Grading	2/1/2024	6/30/2024	5	107	
11	Utilities -2	Site Preparation	5/1/2024	9/30/2024	5	109	
12	P2 Paving	Paving	7/1/2024	7/31/2024	5	23	
13	P2 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
14	P2 Building Construction 1 (mo. 2 -4)	Building Construction	9/1/2024	11/30/2024	5	65	
15	P2 Architectural Coating	Architectural Coating	10/1/2024	11/30/2024	5	44	
16	P2 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
17	P3 Paving	Paving	12/1/2024	12/31/2024	5	22	
18	P3 Site Preparation (mo. 1)	Site Preparation	1/1/2025	1/31/2025	5	23	

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19	P3 Building Construction 1 (mo. 2 -4)	Building Construction	2/1/2025	4/30/2025	5	63
20	P3 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43
21	P3 Building Construction 2 (mo. 5)	Building Construction	5/1/2025	5/31/2025	5	22
22	P4 Paving	Paving	5/1/2025	5/31/2025	5	22
23	P4 Site Preparation (mo. 1)	Site Preparation	6/1/2025	6/30/2025	5	21
24	P4 Building Construction 1 (mo. 2 -4)	Building Construction	7/1/2025	9/30/2025	5	66
25	P4 Architectural Coating	Architectural Coating	8/1/2025	9/30/2025	5	43
26	P4 Building Construction 2 (mo. 5)	Building Construction	10/1/2025	10/31/2025	5	23
27	P5 Paving	Paving	10/1/2025	10/31/2025	5	23
28	P5 Site Preparation (mo. 1)	Site Preparation	11/1/2025	11/30/2025	5	20
29	P5 Building Construction 1 (mo. 2 -4)	Building Construction	12/1/2025	2/28/2026	5	65
30	P5 Architectural Coating	Architectural Coating	1/1/2026	2/28/2026	5	42
31	P5 Building Construction 2 (mo. 5)	Building Construction	3/1/2026	3/31/2026	5	22

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 124,497; Residential Outdoor: 41,499; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation -1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Utilities -1	Excavators	1	8.00	158	0.38
Utilities -1	Rubber Tired Dozers	0	8.00	247	0.40

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Utilities -1	Rubber Tired Loaders	1	8.00	203	0.36
Utilities -1	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading -1	Excavators	2	8.00	158	0.38
Grading -1	Graders	1	8.00	187	0.41
Grading -1	Rubber Tired Dozers	1	8.00	247	0.40
Grading -1	Scrapers	2	8.00	367	0.48
Grading -1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Rubber Tired Dozers	0	8.00	247	0.40
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	8.00	97	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P1 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P1 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P1 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20

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P1 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P1 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P1 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
Site Preparation -2	Other Construction Equipment	1	8.00	172	0.42
Site Preparation -2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading -2	Excavators	2	8.00	158	0.38
Grading -2	Graders	1	8.00	187	0.41
Grading -2	Rubber Tired Dozers	1	8.00	247	0.40
Grading -2	Scrapers	2	8.00	367	0.48
Grading -2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Utilities -2	Excavators	1	8.00	158	0.38
Utilities -2	Rubber Tired Dozers	0	0.00	247	0.40
Utilities -2	Rubber Tired Loaders	1	8.00	203	0.36
Utilities -2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

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P2 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P2 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P2 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P2 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P2 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P3 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36
P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P3 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

P3 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P3 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P3 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P3 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P3 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P3 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P4 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36
P4 Paving	Rollers	2	8.00	80	0.38
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P4 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P4 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40

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P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P4 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P4 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P4 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P5 Paving	Pavers	2	8.00	130	0.42
P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P5 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P5 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45

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P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P5 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P5 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P5 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P5 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
Site Preparation -1	Other Construction Equipment	1	8.00	172	0.42

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation -1	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Utilities -1	9	5.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading -1	8	20.00	4.00	232.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
P1 Paving	6	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	12	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2)	8	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	2.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	13	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation -2	8	20.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading -2	8	20.00	4.00	2,731.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Utilities -2	9	5.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	6	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	12	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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P2 Building Construction 1 (mo. 2-3)	8	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	13	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	12	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-3)	8	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	2.00	4.00	0.00	10.80	47.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	13	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	12	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-3)	8	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	13	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	12	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-3)	8	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	13	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

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3.2 Site Preparation -1 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.0041	30.9243	22.2031	0.0442		1.4430	1.4430		1.3276	1.3276		4,279.017 4	4,279.017 4	1.3839		4,313.615 4
Total	3.0041	30.9243	22.2031	0.0442	18.0663	1.4430	19.5093	9.9307	1.3276	11.2583		4,279.017 4	4,279.017 4	1.3839		4,313.615 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0635	0.0378	0.3860	1.2800e-003	5.8672	9.8000e-004	5.8682	0.6096	9.0000e-004	0.6105		127.5113	127.5113	3.3100e-003		127.5940
Total	0.0727	0.3395	0.4848	2.3000e-003	6.7533	1.3600e-003	6.7547	0.7030	1.2600e-003	0.7043		237.1391	237.1391	0.0111		237.4166

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.2 Site Preparation -1 - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7723	14.8713	27.6226	0.0442		0.0722	0.0722		0.0722	0.0722	0.0000	4,279.017 4	4,279.017 4	1.3839		4,313.615 4
Total	0.7723	14.8713	27.6226	0.0442	7.0458	0.0722	7.1180	3.8730	0.0722	3.9451	0.0000	4,279.017 4	4,279.017 4	1.3839		4,313.615 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0635	0.0378	0.3860	1.2800e-003	2.5976	9.8000e-004	2.5985	0.2830	9.0000e-004	0.2839		127.5113	127.5113	3.3100e-003		127.5940
Total	0.0727	0.3395	0.4848	2.3000e-003	2.9926	1.3600e-003	2.9939	0.3274	1.2600e-003	0.3286		237.1391	237.1391	0.0111		237.4166

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.3 Utilities -1 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Total	0.4592	4.2033	4.7675	0.0114	18.0663	0.1647	18.2310	9.9307	0.1515	10.0822		1,105.6668	1,105.6668	0.3576		1,114.6067

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0177	0.0105	0.1072	3.6000e-004	1.6298	2.7000e-004	1.6300	0.1693	2.5000e-004	0.1696		35.4198	35.4198	9.2000e-004		35.4428
Total	0.0268	0.3122	0.2061	1.3800e-003	2.5159	6.5000e-004	2.5166	0.2628	6.1000e-004	0.2634		145.0475	145.0475	8.7100e-003		145.2654

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.3 Utilities -1 - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Total	0.1667	3.9394	7.2692	0.0114	7.0458	0.0188	7.0646	3.8730	0.0188	3.8918	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0177	0.0105	0.1072	3.6000e-004	0.7215	2.7000e-004	0.7218	0.0786	2.5000e-004	0.0789		35.4198	35.4198	9.2000e-004		35.4428
Total	0.0268	0.3122	0.2061	1.3800e-003	1.1166	6.5000e-004	1.1172	0.1230	6.1000e-004	0.1236		145.0475	145.0475	8.7100e-003		145.2654

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3.4 Grading -1 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070		6,011.4777	6,011.4777	1.9442		6,060.0836

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0100	0.2826	0.1423	2.0000e-004	7.7617	7.0000e-005	7.7618	0.7752	6.0000e-005	0.7752		21.0142	21.0142	1.5700e-003		21.0534
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0706	0.0420	0.4289	1.4200e-003	6.5191	1.0900e-003	6.5202	0.6773	1.0000e-003	0.6783		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0898	0.6262	0.6701	2.6400e-003	15.1670	1.5400e-003	15.1685	1.5459	1.4200e-003	1.5473		272.3212	272.3212	0.0130		272.6471

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3.4 Grading -1 - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	1.0110	19.2707	36.7226	0.0621	3.3826	0.1015	3.4841	1.4026	0.1015	1.5042	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0100	0.2826	0.1423	2.0000e-004	3.3276	7.0000e-005	3.3277	0.3322	6.0000e-005	0.3323		21.0142	21.0142	1.5700e-003		21.0534
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0706	0.0420	0.4289	1.4200e-003	2.8862	1.0900e-003	2.8873	0.3144	1.0000e-003	0.3154		141.6792	141.6792	3.6800e-003		141.7711
Total	0.0898	0.6262	0.6701	2.6400e-003	6.6088	1.5400e-003	6.6104	0.6910	1.4200e-003	0.6925		272.3212	272.3212	0.0130		272.6471

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3.5 P1 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.8862	3.8000e-004	0.8865	0.0935	3.6000e-004	0.0938		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	2.1900	6.0000e-004	2.1906	0.2289	5.6000e-004	0.2295		137.9636	137.9636	8.5300e-003		138.1768

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.5 P1 Paving - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.3950	3.8000e-004	0.3954	0.0444	3.6000e-004	0.0448		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	0.9723	6.0000e-004	0.9729	0.1073	5.6000e-004	0.1079		137.9636	137.9636	8.5300e-003		138.1768

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3.6 P1 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	1.1818	11.8719	9.7037	0.0194	18.5965	0.5535	19.1500	9.9879	0.5211	10.5091		1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	2.3988	5.2000e-004	2.3993	0.2499	4.8000e-004	0.2504		97.3176	97.3176	5.0000e-003		97.4426

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.6 P1 Site Preparation (mo. 1) - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	1.0634	5.2000e-004	1.0639	0.1165	4.8000e-004	0.1170		97.3176	97.3176	5.0000e-003		97.4426

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.7 P1 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	2.3988	5.2000e-004	2.3993	0.2499	4.8000e-004	0.2504		97.3176	97.3176	5.0000e-003		97.4426

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.7 P1 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	1.0634	5.2000e-004	1.0639	0.1165	4.8000e-004	0.1170		97.3176	97.3176	5.0000e-003		97.4426

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.8 P1 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.1830					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	11.6941	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.1679	14.1679	3.7000e-004		14.1771
Total	0.0116	0.1550	0.0923	6.5000e-004	1.0950	3.0000e-004	1.0953	0.1145	2.8000e-004	0.1147		68.9818	68.9818	4.2700e-003		69.0884

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.8 P1 Architectural Coating - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.1830					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	11.3283	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	7.0600e-003	4.2000e-003	0.0429	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.1679	14.1679	3.7000e-004		14.1771
Total	0.0116	0.1550	0.0923	6.5000e-004	0.4861	3.0000e-004	0.4864	0.0536	2.8000e-004	0.0539		68.9818	68.9818	4.2700e-003		69.0884

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.9 P1 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.4431	1.9000e-004	0.4433	0.0467	1.8000e-004	0.0469		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	2.3988	5.2000e-004	2.3993	0.2499	4.8000e-004	0.2504		97.3176	97.3176	5.0000e-003		97.4426

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3.9 P1 Building Construction 2 (mo. 5) - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.5800e-003	0.1508	0.0494	5.1000e-004	0.1975	1.9000e-004	0.1977	0.0222	1.8000e-004	0.0224		54.8139	54.8139	3.9000e-003		54.9113
Worker	0.0212	0.0126	0.1287	4.3000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		42.5038	42.5038	1.1000e-003		42.5313
Total	0.0258	0.1634	0.1781	9.4000e-004	1.0634	5.2000e-004	1.0639	0.1165	4.8000e-004	0.1170		97.3176	97.3176	5.0000e-003		97.4426

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.10 Site Preparation -2 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.9928	30.3870	22.3484	0.0443		1.3950	1.3950		1.2834	1.2834		4,286.2545	4,286.2545	1.3863		4,320.9111
Total	2.9928	30.3870	22.3484	0.0443	18.0663	1.3950	19.4613	9.9307	1.2834	11.2141		4,286.2545	4,286.2545	1.3863		4,320.9111

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0673	0.0385	0.4004	1.3600e-003	6.5191	1.0700e-003	6.5202	0.6773	9.8000e-004	0.6783		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0761	0.3360	0.4961	2.3700e-003	7.4052	1.4400e-003	7.4067	0.7708	1.3300e-003	0.7721		245.0451	245.0451	0.0111		245.3218

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3.10 Site Preparation -2 - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0443		0.0723	0.0723		0.0723	0.0723	0.0000	4,286.2545	4,286.2545	1.3863		4,320.9111
Total	0.7732	14.9013	27.6742	0.0443	7.0458	0.0723	7.1181	3.8730	0.0723	3.9452	0.0000	4,286.2545	4,286.2545	1.3863		4,320.9111

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0673	0.0385	0.4004	1.3600e-003	2.8862	1.0700e-003	2.8872	0.3144	9.8000e-004	0.3154		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0761	0.3360	0.4961	2.3700e-003	3.2812	1.4400e-003	3.2826	0.3588	1.3300e-003	0.3602		245.0451	245.0451	0.0111		245.3218

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3.11 Grading -2 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.748 7	6,009.748 7	1.9437		6,058.340 5
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251		6,009.748 7	6,009.748 7	1.9437		6,058.340 5

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0224	0.6862	0.3143	4.9000e-004	18.7859	1.6000e-004	18.7861	1.8761	1.5000e-004	1.8763		50.7361	50.7361	3.5600e-003		50.8252
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0673	0.0385	0.4004	1.3600e-003	6.5191	1.0700e-003	6.5202	0.6773	9.8000e-004	0.6783		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0985	1.0222	0.8103	2.8600e-003	26.1911	1.6000e-003	26.1927	2.6469	1.4800e-003	2.6483		295.7813	295.7813	0.0146		296.1470

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.11 Grading -2 - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	1.0110	19.2707	36.7226	0.0621	3.3826	0.1015	3.4841	1.4026	0.1015	1.5042	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0224	0.6862	0.3143	4.9000e-004	8.0539	1.6000e-004	8.0541	0.8041	1.5000e-004	0.8043		50.7361	50.7361	3.5600e-003		50.8252
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0673	0.0385	0.4004	1.3600e-003	2.8862	1.0700e-003	2.8872	0.3144	9.8000e-004	0.3154		136.1024	136.1024	3.3800e-003		136.1868
Total	0.0985	1.0222	0.8103	2.8600e-003	11.3351	1.6000e-003	11.3367	1.1629	1.4800e-003	1.1644		295.7813	295.7813	0.0146		296.1470

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.12 Utilities -2 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.4342	3.7306	4.7611	0.0114		0.1470	0.1470		0.1352	0.1352		1,105.7795	1,105.7795	0.3576		1,114.7203
Total	0.4342	3.7306	4.7611	0.0114	18.0663	0.1470	18.2132	9.9307	0.1352	10.0659		1,105.7795	1,105.7795	0.3576		1,114.7203

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0168	9.6300e-003	0.1001	3.4000e-004	1.6298	2.7000e-004	1.6300	0.1693	2.5000e-004	0.1696		34.0256	34.0256	8.4000e-004		34.0467
Total	0.0256	0.3071	0.1958	1.3500e-003	2.5159	6.4000e-004	2.5166	0.2628	6.0000e-004	0.2634		142.9684	142.9684	8.5300e-003		143.1817

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.12 Utilities -2 - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.779 5	1,105.779 5	0.3576		1,114.720 3
Total	0.1667	3.9394	7.2692	0.0114	7.0458	0.0188	7.0646	3.8730	0.0188	3.8918	0.0000	1,105.779 5	1,105.779 5	0.3576		1,114.720 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0168	9.6300e-003	0.1001	3.4000e-004	0.7215	2.7000e-004	0.7218	0.0786	2.5000e-004	0.0789		34.0256	34.0256	8.4000e-004		34.0467
Total	0.0256	0.3071	0.1958	1.3500e-003	1.1166	6.4000e-004	1.1172	0.1230	6.0000e-004	0.1236		142.9684	142.9684	8.5300e-003		143.1817

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.13 P2 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	2.1900	5.8000e-004	2.1906	0.2289	5.5000e-004	0.2295		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.13 P2 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0223	0.3052	0.1758	1.2800e-003	0.9723	5.8000e-004	0.9729	0.1073	5.5000e-004	0.1078		136.1632	136.1632	8.3700e-003		136.3724

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.14 P2 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	1.1216	11.0883	9.6613	0.0194	18.5965	0.5115	19.1080	9.9879	0.4811	10.4691		1,841.7857	1,841.7857	0.4105		1,852.0477

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.7000e-004	0.1826		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.14 P2 Site Preparation (mo. 1) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.785 7	1,841.785 7	0.4105		1,852.047 7
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,841.785 7	1,841.785 7	0.4105		1,852.047 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	0.7748	3.9000e-004	0.7752	0.0851	3.7000e-004	0.0855		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.15 P2 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.7000e-004	0.1826		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.15 P2 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	0.7748	3.9000e-004	0.7752	0.0851	3.7000e-004	0.0855		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.16 P2 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.5661					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	8.0482	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.8862	3.7000e-004	0.8865	0.0935	3.5000e-004	0.0938		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	1.5381	4.8000e-004	1.5385	0.1612	4.5000e-004	0.1616		122.5530	122.5530	8.0300e-003		122.7537

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.16 P2 Architectural Coating - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.5661					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	7.7114	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.8300e-003	0.2975	0.0957	1.0100e-003	0.3950	3.7000e-004	0.3954	0.0444	3.5000e-004	0.0448		108.9428	108.9428	7.6900e-003		109.1350
Worker	6.7300e-003	3.8500e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.6102	13.6102	3.4000e-004		13.6187
Total	0.0156	0.3013	0.1358	1.1500e-003	0.6837	4.8000e-004	0.6841	0.0759	4.5000e-004	0.0763		122.5530	122.5530	8.0300e-003		122.7537

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.17 P2 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.7000e-004	0.1826		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.17 P2 Building Construction 2 (mo. 5) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4100e-003	0.1487	0.0479	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.4714	54.4714	3.8500e-003		54.5675
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0179	0.1564	0.1279	7.7000e-004	0.7748	3.9000e-004	0.7752	0.0851	3.7000e-004	0.0855		81.6919	81.6919	4.5300e-003		81.8049

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.18 P3 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	2.2154	9.2000e-004	2.2163	0.2337	8.7000e-004	0.2345		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0355	0.7514	0.3193	2.7900e-003	3.5192	1.1300e-003	3.5203	0.3691	1.0700e-003	0.3702		299.5774	299.5774	0.0199		300.0749

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.18 P3 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0221	0.7437	0.2393	2.5200e-003	0.9876	9.2000e-004	0.9885	0.1110	8.7000e-004	0.1119		272.3569	272.3569	0.0192		272.8376
Worker	0.0135	7.7000e-003	0.0801	2.7000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		27.2205	27.2205	6.8000e-004		27.2374
Total	0.0355	0.7514	0.3193	2.7900e-003	1.5648	1.1300e-003	1.5660	0.1739	1.0700e-003	0.1750		299.5774	299.5774	0.0199		300.0749

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.19 P3 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	18.5965	0.4465	19.0430	9.9879	0.4200	10.4079		1,841.6106	1,841.6106	0.4082		1,851.8164

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.6000e-004	0.1826		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.19 P3 Site Preparation (mo. 1) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	0.7748	3.9000e-004	0.7751	0.0851	3.6000e-004	0.0854		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.20 P3 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.6000e-004	0.1826		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.20 P3 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	0.7748	3.9000e-004	0.7751	0.0851	3.6000e-004	0.0854		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.21 P3 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.7421					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	8.1977	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0345	0.8137	0.3465	5.4900e-003	5.7412	1.9800e-003	5.7432	0.6054	1.8900e-003	0.6073		592.9981	592.9981	0.0316		593.7882
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0410	0.8172	0.3838	5.6200e-003	6.3931	2.0900e-003	6.3952	0.6731	1.9900e-003	0.6751		606.0582	606.0582	0.0319		606.8561

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.21 P3 Architectural Coating - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.7421					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	7.8873	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0345	0.8137	0.3465	5.4900e-003	2.5590	1.9800e-003	2.5610	0.2875	1.8900e-003	0.2894		592.9981	592.9981	0.0316		593.7882
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0410	0.8172	0.3838	5.6200e-003	2.8477	2.0900e-003	2.8497	0.3189	1.9900e-003	0.3209		606.0582	606.0582	0.0319		606.8561

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.22 P3 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	1.7469	3.9000e-004	1.7473	0.1822	3.6000e-004	0.1826		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.22 P3 Building Construction 2 (mo. 5) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0172	0.1537	0.1216	7.6000e-004	0.7748	3.9000e-004	0.7751	0.0851	3.6000e-004	0.0854		80.2656	80.2656	4.4200e-003		80.3762

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.23 P4 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0343	0.7400	0.3091	2.7600e-003	3.5192	1.1000e-003	3.5203	0.3691	1.0400e-003	0.3702		296.8469	296.8469	0.0196		297.3376

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.23 P4 Paving - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0343	0.7400	0.3091	2.7600e-003	1.5648	1.1000e-003	1.5659	0.1739	1.0400e-003	0.1749		296.8469	296.8469	0.0196		297.3376

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.24 P4 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	18.5965	0.4465	19.0430	9.9879	0.4200	10.4079		1,841.6106	1,841.6106	0.4082		1,851.8164

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.24 P4 Site Preparation (mo. 1) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.25 P4 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.25 P4 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.26 P4 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	19.3805	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.8862	3.5000e-004	0.8865	0.0935	3.4000e-004	0.0938		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	1.5381	4.6000e-004	1.5385	0.1612	4.4000e-004	0.1616		121.3508	121.3508	7.9100e-003		121.5486

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.26 P4 Architectural Coating - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	19.0701	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.5600e-003	0.2932	0.0938	1.0000e-003	0.3950	3.5000e-004	0.3954	0.0444	3.4000e-004	0.0447		108.2907	108.2907	7.6000e-003		108.4807
Worker	6.4300e-003	3.5500e-003	0.0374	1.3000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.0601	13.0601	3.1000e-004		13.0679
Total	0.0150	0.2967	0.1311	1.1300e-003	0.6837	4.6000e-004	0.6841	0.0759	4.4000e-004	0.0763		121.3508	121.3508	7.9100e-003		121.5486

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.27 P4 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.27 P4 Building Construction 2 (mo. 5) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.28 P5 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0343	0.7400	0.3091	2.7600e-003	3.5192	1.1000e-003	3.5203	0.3691	1.0400e-003	0.3702		296.8469	296.8469	0.0196		297.3376

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.28 P5 Paving - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0214	0.7329	0.2344	2.5000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		270.7267	270.7267	0.0190		271.2018
Worker	0.0129	7.1000e-003	0.0747	2.6000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.1202	26.1202	6.2000e-004		26.1358
Total	0.0343	0.7400	0.3091	2.7600e-003	1.5648	1.1000e-003	1.5659	0.1739	1.0400e-003	0.1749		296.8469	296.8469	0.0196		297.3376

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.29 P5 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	18.5965	0.4465	19.0430	9.9879	0.4200	10.4079		1,841.6106	1,841.6106	0.4082		1,851.8164

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.29 P5 Site Preparation (mo. 1) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.30 P5 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	3.0507	6.0000e-004	3.0513	0.3177	5.6000e-004	0.3182		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.30 P5 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2800e-003	0.1466	0.0469	5.0000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		54.1453	54.1453	3.8000e-003		54.2404
Worker	0.0257	0.0142	0.1494	5.2000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		52.2404	52.2404	1.2500e-003		52.2716
Total	0.0300	0.1608	0.1963	1.0200e-003	1.3520	6.0000e-004	1.3526	0.1480	5.6000e-004	0.1485		106.3858	106.3858	5.0500e-003		106.5119

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.30 P5 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	3.0507	5.8000e-004	3.0513	0.3177	5.4000e-004	0.3182		104.1680	104.1680	4.9200e-003		104.2910

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.30 P5 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	1.3520	5.8000e-004	1.3526	0.1480	5.4000e-004	0.1485		104.1680	104.1680	4.9200e-003		104.2910

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.31 P5 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.3755					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	19.8311	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	1.5381	4.4000e-004	1.5385	0.1612	4.2000e-004	0.1616		120.2632	120.2632	7.8100e-003		120.4584

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.31 P5 Architectural Coating - 2026**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.3755					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	19.5207	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	0.6837	4.4000e-004	0.6841	0.0759	4.2000e-004	0.0763		120.2632	120.2632	7.8100e-003		120.4584

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.32 P5 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	3.0507	5.8000e-004	3.0513	0.3177	5.4000e-004	0.3182		104.1680	104.1680	4.9200e-003		104.2910

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.32 P5 Building Construction 2 (mo. 5) - 2026**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0247	0.0132	0.1404	5.0000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		50.3273	50.3273	1.1600e-003		50.3563
Total	0.0289	0.1577	0.1866	1.0000e-003	1.3520	5.8000e-004	1.3526	0.1480	5.4000e-004	0.1485		104.1680	104.1680	4.9200e-003		104.2910

4.0 Operational Detail - Mobile

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.7647	7.2779	20.9473	0.0820	9.0771	0.0593	9.1364	2.4251	0.0551	2.4802		8,387.6703	8,387.6703	0.4143		8,398.0289
Unmitigated	1.7647	7.2779	20.9473	0.0820	9.0771	0.0593	9.1364	2.4251	0.0551	2.4802		8,387.6703	8,387.6703	0.4143		8,398.0289

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	1,500.00	1,500.00	1500.00	4,282,955	4,282,955
Total	1,500.00	1,500.00	1,500.00	4,282,955	4,282,955

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
NaturalGas Unmitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	9075.34	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	9.07534	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

6.0 Area Detail**6.1 Mitigation Measures Area**

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Unmitigated	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.6501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2427	2.0735	0.8824	0.0132		0.1677	0.1677		0.1677	0.1677	0.0000	2,647.0588	2,647.0588	0.0507	0.0485	2,662.7890
Landscaping	0.3093	0.1187	10.3029	5.4000e-004		0.0572	0.0572		0.0572	0.0572		18.5690	18.5690	0.0178		19.0136
Total	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.6501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2427	2.0735	0.8824	0.0132		0.1677	0.1677		0.1677	0.1677	0.0000	2,647.0588	2,647.0588	0.0507	0.0485	2,662.7890
Landscaping	0.3093	0.1187	10.3029	5.4000e-004		0.0572	0.0572		0.0572	0.0572		18.5690	18.5690	0.0178		19.0136
Total	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Proctor Valley EIR - PA 16-19 Residential
San Diego County, Summer**1.0 Project Characteristics**

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	427.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation -

Water Mitigation -

Waste Mitigation -

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Refer to CalEEMod Input Matrix Table

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

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Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment -

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

Table Name	Column Name	Default Value	New Value
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tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	41,499.00
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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

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tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	NumberGas	68.75	125.00
tblFireplaces	NumberNoFireplace	12.50	0.00
tblFireplaces	NumberWood	43.75	0.00
tblLandUse	BuildingSpaceSquareFeet	225,000.00	591,125.00
tblLandUse	LandUseSquareFeet	225,000.00	591,125.00
tblLandUse	LotAcreage	40.58	368.00
tblLandUse	Population	358.00	344.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

[illegible]

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
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tblOffRoadEquipment	PhaseName		P2 Building Construction 2 (mo. 5)
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tblOffRoadEquipment	PhaseName		P4 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P5 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName		P1 Site Preparation (mo. 1)
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tblOffRoadEquipment	PhaseName		P2 Site Preparation (mo. 1)

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tbloffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
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tbloffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
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tbloffRoadEquipment	PhaseName	P4 Building Construction 2 (mo. 5)
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tbloffRoadEquipment	PhaseName	P5 Building Construction 2 (mo. 5)
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tbloffRoadEquipment	PhaseName	P1 Building Construction 2 (mo. 5)
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tbloffRoadEquipment	PhaseName	P3 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P3 Building Construction 2 (mo. 5)
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tbloffRoadEquipment	PhaseName	P4 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P5 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P5 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P1 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P1 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P2 Site Preparation (mo. 1)

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

[illegible]

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

[illegible]

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

[illegible]

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblProjectCharacteristics	OperationalYear	2018	2028

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripLength	20.00	0.50
tblTripsAndVMT	HaulingTripNumber	0.00	2,731.00
tblTripsAndVMT	HaulingTripNumber	0.00	232.00
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	HaulingVehicleClass	HHDT	MHDT
tblTripsAndVMT	VendorTripLength	7.30	47.30
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblTripsAndVMT	VendorTripNumber	13.00	2.00
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tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblTripsAndVMT	VendorTripNumber	0.00	2.00
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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblTripsAndVMT	WorkerTripNumber	45.00	8.00
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tblVehicleTrips	ST_TR	9.91	12.00
tblVehicleTrips	SU_TR	8.62	12.00
tblVehicleTrips	WD_TR	9.52	12.00
tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	11.9847	39.6532	33.6982	0.0777	44.4225	1.5913	46.0138	15.3359	1.4641	16.7999	0.0000	7,552.3256	7,552.3256	2.3229	0.0000	7,610.3988
2024	8.3247	37.4319	33.4727	0.0779	55.4467	1.4846	56.9312	20.3636	1.3658	20.9809	0.0000	7,572.2287	7,572.2287	2.3237	0.0000	7,630.3205
2025	19.6498	12.7208	20.4270	0.0350	21.6472	0.5186	22.0943	10.3056	0.4783	10.7261	0.0000	3,408.7359	3,408.7359	0.9802	0.0000	3,433.2419
2026	20.0989	6.1243	9.6543	0.0167	4.5888	0.2285	4.8173	0.4788	0.2213	0.7001	0.0000	1,619.0121	1,619.0121	0.2588	0.0000	1,625.4834
Maximum	20.0989	39.6532	33.6982	0.0779	55.4467	1.5913	56.9312	20.3636	1.4641	20.9809	0.0000	7,572.2287	7,572.2287	2.3237	0.0000	7,630.3205

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	11.5090	24.1444	44.8713	0.0777	18.1538	0.1225	18.2763	6.0897	0.1223	6.2120	0.0000	7,552.3256	7,552.3256	2.3229	0.0000	7,610.3988
2024	7.8888	24.5344	44.9806	0.0779	22.8801	0.1395	23.0026	7.9764	0.1395	8.0687	0.0000	7,572.2287	7,572.2287	2.3237	0.0000	7,630.3205
2025	19.2576	14.7761	23.5415	0.0350	8.6046	0.1397	8.6778	4.0433	0.1396	4.1164	0.0000	3,408.7359	3,408.7359	0.9802	0.0000	3,433.2419
2026	19.7067	6.1407	10.1535	0.0167	2.0356	0.1012	2.0579	0.2238	0.1012	0.2492	0.0000	1,619.0121	1,619.0121	0.2588	0.0000	1,625.4834
Maximum	19.7067	24.5344	44.9806	0.0779	22.8801	0.1397	23.0026	7.9764	0.1396	8.0687	0.0000	7,572.2287	7,572.2287	2.3237	0.0000	7,630.3205

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.82	27.45	-27.04	0.00	59.02	86.85	59.94	60.56	85.76	62.11	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Mobile	1.8275	7.1132	21.4480	0.0863	9.0771	0.0591	9.1362	2.4251	0.0549	2.4800		8,826.5838	8,826.5838	0.4127		8,836.9020
Total	18.1676	10.1418	32.9892	0.1054	9.0771	0.3516	9.4287	2.4251	0.3474	2.7725	0.0000	12,559.8990	12,559.8990	0.5017	0.0681	12,592.7367

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Mobile	1.8275	7.1132	21.4480	0.0863	9.0771	0.0591	9.1362	2.4251	0.0549	2.4800		8,826.5838	8,826.5838	0.4127		8,836.9020
Total	18.1676	10.1418	32.9892	0.1054	9.0771	0.3516	9.4287	2.4251	0.3474	2.7725	0.0000	12,559.8990	12,559.8990	0.5017	0.0681	12,592.7367

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation -1	Site Preparation	4/1/2023	4/30/2023	5	20	
2	Utilities -1	Site Preparation	5/1/2023	6/30/2023	5	45	
3	Grading -1	Grading	5/1/2023	5/30/2023	5	22	
4	P1 Paving	Paving	6/1/2023	6/30/2023	5	22	
5	P1 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
6	P1 Building Construction 1 (mo. 2 -4)	Building Construction	8/1/2023	10/31/2023	5	66	
7	P1 Architectural Coating	Architectural Coating	9/1/2023	10/31/2023	5	43	
8	P1 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
9	Site Preparation -2	Site Preparation	1/1/2024	1/31/2024	5	23	
10	Grading -2	Grading	2/1/2024	6/30/2024	5	107	
11	Utilities -2	Site Preparation	5/1/2024	9/30/2024	5	109	
12	P2 Paving	Paving	7/1/2024	7/31/2024	5	23	
13	P2 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
14	P2 Building Construction 1 (mo. 2 -4)	Building Construction	9/1/2024	11/30/2024	5	65	
15	P2 Architectural Coating	Architectural Coating	10/1/2024	11/30/2024	5	44	
16	P2 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
17	P3 Paving	Paving	12/1/2024	12/31/2024	5	22	
18	P3 Site Preparation (mo. 1)	Site Preparation	1/1/2025	1/31/2025	5	23	

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

19	P3 Building Construction 1 (mo. 2 -4)	Building Construction	2/1/2025	4/30/2025	5	63
20	P3 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43
21	P3 Building Construction 2 (mo. 5)	Building Construction	5/1/2025	5/31/2025	5	22
22	P4 Paving	Paving	5/1/2025	5/31/2025	5	22
23	P4 Site Preparation (mo. 1)	Site Preparation	6/1/2025	6/30/2025	5	21
24	P4 Building Construction 1 (mo. 2 -4)	Building Construction	7/1/2025	9/30/2025	5	66
25	P4 Architectural Coating	Architectural Coating	8/1/2025	9/30/2025	5	43
26	P4 Building Construction 2 (mo. 5)	Building Construction	10/1/2025	10/31/2025	5	23
27	P5 Paving	Paving	10/1/2025	10/31/2025	5	23
28	P5 Site Preparation (mo. 1)	Site Preparation	11/1/2025	11/30/2025	5	20
29	P5 Building Construction 1 (mo. 2 -4)	Building Construction	12/1/2025	2/28/2026	5	65
30	P5 Architectural Coating	Architectural Coating	1/1/2026	2/28/2026	5	42
31	P5 Building Construction 2 (mo. 5)	Building Construction	3/1/2026	3/31/2026	5	22

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 124,497; Residential Outdoor: 41,499; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation -1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Utilities -1	Excavators	1	8.00	158	0.38
Utilities -1	Rubber Tired Dozers	0	8.00	247	0.40

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Utilities -1	Rubber Tired Loaders	1	8.00	203	0.36
Utilities -1	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading -1	Excavators	2	8.00	158	0.38
Grading -1	Graders	1	8.00	187	0.41
Grading -1	Rubber Tired Dozers	1	8.00	247	0.40
Grading -1	Scrapers	2	8.00	367	0.48
Grading -1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Rubber Tired Dozers	0	8.00	247	0.40
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	8.00	97	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P1 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P1 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P1 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P1 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

P1 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P1 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P1 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
Site Preparation -2	Other Construction Equipment	1	8.00	172	0.42
Site Preparation -2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading -2	Excavators	2	8.00	158	0.38
Grading -2	Graders	1	8.00	187	0.41
Grading -2	Rubber Tired Dozers	1	8.00	247	0.40
Grading -2	Scrapers	2	8.00	367	0.48
Grading -2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Utilities -2	Excavators	1	8.00	158	0.38
Utilities -2	Rubber Tired Dozers	0	0.00	247	0.40
Utilities -2	Rubber Tired Loaders	1	8.00	203	0.36
Utilities -2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

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P2 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P2 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P2 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P2 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P2 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P3 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36
P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P3 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

P3 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P3 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P3 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P3 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P3 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P3 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P4 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36
P4 Paving	Rollers	2	8.00	80	0.38
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P4 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P4 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40

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P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P4 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P4 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P4 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P4 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P5 Paving	Pavers	2	8.00	130	0.42
P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P5 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P5 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45

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P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P5 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P5 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P5 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P5 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
Site Preparation -1	Other Construction Equipment	1	8.00	172	0.42

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation -1	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Utilities -1	9	5.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading -1	8	20.00	4.00	232.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
P1 Paving	6	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo. 1)	12	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo. 2)	8	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	2.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo. 5)	13	6.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation -2	8	20.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading -2	8	20.00	4.00	2,731.00	10.80	7.30	0.50	LD_Mix	HDT_Mix	MHDT
Utilities -2	9	5.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	6	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo. 1)	12	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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P2 Building Construction 1 (mo. 2-3)	8	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo. 5)	13	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo. 1)	12	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo. 2-3)	8	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	2.00	4.00	0.00	10.80	47.30	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo. 5)	13	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo. 1)	12	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo. 2-3)	8	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo. 5)	13	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	12	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2-3)	8	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	13	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.2 Site Preparation -1 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.0041	30.9243	22.2031	0.0442		1.4430	1.4430		1.3276	1.3276		4,279.017 4	4,279.017 4	1.3839		4,313.615 4
Total	3.0041	30.9243	22.2031	0.0442	18.0663	1.4430	19.5093	9.9307	1.3276	11.2583		4,279.017 4	4,279.017 4	1.3839		4,313.615 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0557	0.0337	0.4124	1.3600e-003	5.8672	9.8000e-004	5.8682	0.6096	9.0000e-004	0.6105		135.8221	135.8221	3.5100e-003		135.9099
Total	0.0644	0.3367	0.5025	2.4000e-003	6.7533	1.3400e-003	6.7547	0.7030	1.2400e-003	0.7043		248.3489	248.3489	0.0109		248.6214

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3.2 Site Preparation -1 - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7723	14.8713	27.6226	0.0442		0.0722	0.0722		0.0722	0.0722	0.0000	4,279.017 4	4,279.017 4	1.3839		4,313.615 4
Total	0.7723	14.8713	27.6226	0.0442	7.0458	0.0722	7.1180	3.8730	0.0722	3.9451	0.0000	4,279.017 4	4,279.017 4	1.3839		4,313.615 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0557	0.0337	0.4124	1.3600e-003	2.5976	9.8000e-004	2.5985	0.2830	9.0000e-004	0.2839		135.8221	135.8221	3.5100e-003		135.9099
Total	0.0644	0.3367	0.5025	2.4000e-003	2.9926	1.3400e-003	2.9939	0.3274	1.2400e-003	0.3286		248.3489	248.3489	0.0109		248.6214

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.3 Utilities -1 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.4592	4.2033	4.7675	0.0114		0.1647	0.1647		0.1515	0.1515		1,105.6668	1,105.6668	0.3576		1,114.6067
Total	0.4592	4.2033	4.7675	0.0114	18.0663	0.1647	18.2310	9.9307	0.1515	10.0822		1,105.6668	1,105.6668	0.3576		1,114.6067

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0155	9.3600e-003	0.1146	3.8000e-004	1.6298	2.7000e-004	1.6300	0.1693	2.5000e-004	0.1696		37.7284	37.7284	9.8000e-004		37.7527
Total	0.0242	0.3124	0.2046	1.4200e-003	2.5159	6.3000e-004	2.5166	0.2628	5.9000e-004	0.2634		150.2552	150.2552	8.3700e-003		150.4643

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.3 Utilities -1 - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067
Total	0.1667	3.9394	7.2692	0.0114	7.0458	0.0188	7.0646	3.8730	0.0188	3.8918	0.0000	1,105.6668	1,105.6668	0.3576		1,114.6067

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0155	9.3600e-003	0.1146	3.8000e-004	0.7215	2.7000e-004	0.7218	0.0786	2.5000e-004	0.0789		37.7284	37.7284	9.8000e-004		37.7527
Total	0.0242	0.3124	0.2046	1.4200e-003	1.1166	6.3000e-004	1.1172	0.1230	5.9000e-004	0.1236		150.2552	150.2552	8.3700e-003		150.4643

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.4 Grading -1 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	3.3217	34.5156	28.0512	0.0621	8.6733	1.4245	10.0978	3.5965	1.3105	4.9070		6,011.4777	6,011.4777	1.9442		6,060.0836

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.3900e-003	0.2814	0.1266	2.1000e-004	7.7617	7.0000e-005	7.7618	0.7752	6.0000e-005	0.7752		21.4857	21.4857	1.4400e-003		21.5217
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0619	0.0374	0.4582	1.5100e-003	6.5191	1.0900e-003	6.5202	0.6773	1.0000e-003	0.6783		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0800	0.6219	0.6749	2.7600e-003	15.1670	1.5200e-003	15.1685	1.5459	1.4000e-003	1.5473		284.9259	284.9259	0.0127		285.2442

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.4 Grading -1 - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	1.0110	19.2707	36.7226	0.0621	3.3826	0.1015	3.4841	1.4026	0.1015	1.5042	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	9.3900e-003	0.2814	0.1266	2.1000e-004	3.3276	7.0000e-005	3.3277	0.3322	6.0000e-005	0.3323		21.4857	21.4857	1.4400e-003		21.5217
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0619	0.0374	0.4582	1.5100e-003	2.8862	1.0900e-003	2.8873	0.3144	1.0000e-003	0.3154		150.9134	150.9134	3.9000e-003		151.0109
Total	0.0800	0.6219	0.6749	2.7600e-003	6.6088	1.5200e-003	6.6103	0.6910	1.4000e-003	0.6925		284.9259	284.9259	0.0127		285.2442

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.5 P1 Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.8862	3.6000e-004	0.8865	0.0935	3.4000e-004	0.0938		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	2.1900	5.8000e-004	2.1906	0.2289	5.4000e-004	0.2295		142.7095	142.7095	8.1700e-003		142.9138

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.5 P1 Paving - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.3950	3.6000e-004	0.3954	0.0444	3.4000e-004	0.0448		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	0.9723	5.8000e-004	0.9728	0.1073	5.4000e-004	0.1078		142.7095	142.7095	8.1700e-003		142.9138

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.6 P1 Site Preparation (mo. 1) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.1818	11.8719	9.7037	0.0194		0.5535	0.5535		0.5211	0.5211		1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	1.1818	11.8719	9.7037	0.0194	18.5965	0.5535	19.1500	9.9879	0.5211	10.5091		1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	2.3988	5.1000e-004	2.3993	0.2499	4.7000e-004	0.2504		101.5374	101.5374	4.8700e-003		101.6591

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.6 P1 Site Preparation (mo. 1) - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,842.092 1	1,842.092 1	0.4117		1,852.384 1
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,842.092 1	1,842.092 1	0.4117		1,852.384 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	1.0634	5.1000e-004	1.0639	0.1165	4.7000e-004	0.1170		101.5374	101.5374	4.8700e-003		101.6591

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.7 P1 Building Construction 1 (mo. 2-4) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173
Total	0.2571	2.9351	4.5186	6.5600e-003		0.1208	0.1208		0.1111	0.1111		635.3800	635.3800	0.2055		640.5173

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	2.3988	5.1000e-004	2.3993	0.2499	4.7000e-004	0.2504		101.5374	101.5374	4.8700e-003		101.6591

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.7 P1 Building Construction 1 (mo. 2-4) - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173
Total	0.1472	2.8643	4.9523	6.5600e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.3800	635.3800	0.2055		640.5173

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	1.0634	5.1000e-004	1.0639	0.1165	4.7000e-004	0.1170		101.5374	101.5374	4.8700e-003		101.6591

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.8 P1 Architectural Coating - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.1830					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.5111	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507
Total	11.6941	3.4747	4.8296	7.9200e-003		0.1889	0.1889		0.1889	0.1889		750.5281	750.5281	0.0449		751.6507

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		15.0913	15.0913	3.9000e-004		15.1011
Total	0.0105	0.1553	0.0909	6.7000e-004	1.0950	2.9000e-004	1.0953	0.1145	2.7000e-004	0.1147		71.3548	71.3548	4.0900e-003		71.4569

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.8 P1 Architectural Coating - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	11.1830					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507
Total	11.3283	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0449		751.6507

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	6.1900e-003	3.7400e-003	0.0458	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		15.0913	15.0913	3.9000e-004		15.1011
Total	0.0105	0.1553	0.0909	6.7000e-004	0.4861	2.9000e-004	0.4864	0.0536	2.7000e-004	0.0539		71.3548	71.3548	4.0900e-003		71.4569

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.9 P1 Building Construction 2 (mo. 5) - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644
Total	0.2947	3.4969	5.3664	8.3000e-003		0.1178	0.1178		0.1095	0.1095		785.2922	785.2922	0.2429		791.3644

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.4431	1.8000e-004	0.4433	0.0467	1.7000e-004	0.0469		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	1.9557	3.3000e-004	1.9561	0.2032	3.0000e-004	0.2035		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	2.3988	5.1000e-004	2.3993	0.2499	4.7000e-004	0.2504		101.5374	101.5374	4.8700e-003		101.6591

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.9 P1 Building Construction 2 (mo. 5) - 2023**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.2922	785.2922	0.2429		791.3644

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.3400e-003	0.1515	0.0450	5.2000e-004	0.1975	1.8000e-004	0.1977	0.0222	1.7000e-004	0.0224		56.2634	56.2634	3.7000e-003		56.3558
Worker	0.0186	0.0112	0.1375	4.5000e-004	0.8659	3.3000e-004	0.8662	0.0943	3.0000e-004	0.0946		45.2740	45.2740	1.1700e-003		45.3033
Total	0.0229	0.1628	0.1825	9.7000e-004	1.0634	5.1000e-004	1.0639	0.1165	4.7000e-004	0.1170		101.5374	101.5374	4.8700e-003		101.6591

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.10 Site Preparation -2 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.9928	30.3870	22.3484	0.0443		1.3950	1.3950		1.2834	1.2834		4,286.2545	4,286.2545	1.3863		4,320.9111
Total	2.9928	30.3870	22.3484	0.0443	18.0663	1.3950	19.4613	9.9307	1.2834	11.2141		4,286.2545	4,286.2545	1.3863		4,320.9111

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0588	0.0343	0.4284	1.4500e-003	6.5191	1.0700e-003	6.5202	0.6773	9.8000e-004	0.6783		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0672	0.3332	0.5157	2.4800e-003	7.4052	1.4200e-003	7.4067	0.7708	1.3100e-003	0.7721		256.7705	256.7705	0.0109		257.0428

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.10 Site Preparation -2 - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.7732	14.9013	27.6742	0.0443		0.0723	0.0723		0.0723	0.0723	0.0000	4,286.2545	4,286.2545	1.3863		4,320.9111
Total	0.7732	14.9013	27.6742	0.0443	7.0458	0.0723	7.1181	3.8730	0.0723	3.9452	0.0000	4,286.2545	4,286.2545	1.3863		4,320.9111

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0588	0.0343	0.4284	1.4500e-003	2.8862	1.0700e-003	2.8872	0.3144	9.8000e-004	0.3154		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0672	0.3332	0.5157	2.4800e-003	3.2812	1.4200e-003	3.2826	0.3588	1.3100e-003	0.3601		256.7705	256.7705	0.0109		257.0428

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.11 Grading -2 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	3.2181	32.3770	27.7228	0.0621	8.6733	1.3354	10.0087	3.5965	1.2286	4.8251		6,009.7487	6,009.7487	1.9437		6,058.3405

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0210	0.6838	0.2788	5.0000e-004	18.7859	1.6000e-004	18.7861	1.8761	1.5000e-004	1.8763		51.8851	51.8851	3.2700e-003		51.9670
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0588	0.0343	0.4284	1.4500e-003	6.5191	1.0700e-003	6.5202	0.6773	9.8000e-004	0.6783		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0882	1.0170	0.7945	2.9800e-003	26.1911	1.5800e-003	26.1927	2.6469	1.4600e-003	2.6483		308.6556	308.6556	0.0142		309.0097

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.11 Grading -2 - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	1.0110	19.2707	36.7226	0.0621	3.3826	0.1015	3.4841	1.4026	0.1015	1.5042	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0210	0.6838	0.2788	5.0000e-004	8.0539	1.6000e-004	8.0541	0.8041	1.5000e-004	0.8043		51.8851	51.8851	3.2700e-003		51.9670
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0588	0.0343	0.4284	1.4500e-003	2.8862	1.0700e-003	2.8872	0.3144	9.8000e-004	0.3154		144.9674	144.9674	3.5900e-003		145.0571
Total	0.0882	1.0170	0.7945	2.9800e-003	11.3351	1.5800e-003	11.3367	1.1629	1.4600e-003	1.1644		308.6556	308.6556	0.0142		309.0097

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.12 Utilities -2 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.4342	3.7306	4.7611	0.0114		0.1470	0.1470		0.1352	0.1352		1,105.779 5	1,105.779 5	0.3576		1,114.720 3
Total	0.4342	3.7306	4.7611	0.0114	18.0663	0.1470	18.2132	9.9307	0.1352	10.0659		1,105.779 5	1,105.779 5	0.3576		1,114.720 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0147	8.5800e-003	0.1071	3.6000e-004	1.6298	2.7000e-004	1.6300	0.1693	2.5000e-004	0.1696		36.2419	36.2419	9.0000e-004		36.2643
Total	0.0231	0.3074	0.1943	1.3900e-003	2.5159	6.2000e-004	2.5165	0.2628	5.8000e-004	0.2634		148.0449	148.0449	8.2100e-003		148.2500

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.12 Utilities -2 - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.1667	3.9394	7.2692	0.0114		0.0188	0.0188		0.0188	0.0188	0.0000	1,105.7795	1,105.7795	0.3576		1,114.7203
Total	0.1667	3.9394	7.2692	0.0114	7.0458	0.0188	7.0646	3.8730	0.0188	3.8918	0.0000	1,105.7795	1,105.7795	0.3576		1,114.7203

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0147	8.5800e-003	0.1071	3.6000e-004	0.7215	2.7000e-004	0.7218	0.0786	2.5000e-004	0.0789		36.2419	36.2419	9.0000e-004		36.2643
Total	0.0231	0.3074	0.1943	1.3900e-003	1.1166	6.2000e-004	1.1172	0.1230	5.8000e-004	0.1236		148.0449	148.0449	8.2100e-003		148.2500

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3.13 P2 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	2.1900	5.6000e-004	2.1905	0.2289	5.3000e-004	0.2295		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.13 P2 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0201	0.3057	0.1729	1.3200e-003	0.9723	5.6000e-004	0.9728	0.1073	5.3000e-004	0.1078		140.7965	140.7965	8.0300e-003		140.9971

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.14 P2 Site Preparation (mo. 1) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.1216	11.0883	9.6613	0.0194		0.5115	0.5115		0.4811	0.4811		1,841.7857	1,841.7857	0.4105		1,852.0477
Total	1.1216	11.0883	9.6613	0.0194	18.5965	0.5115	19.1080	9.9879	0.4811	10.4691		1,841.7857	1,841.7857	0.4105		1,852.0477

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.7000e-004	0.1826		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.14 P2 Site Preparation (mo. 1) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.785 7	1,841.785 7	0.4105		1,852.047 7
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,841.785 7	1,841.785 7	0.4105		1,852.047 7

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.7000e-004	0.0855		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.15 P2 Building Construction 1 (mo. 2-4) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413
Total	0.2463	2.7985	4.5247	6.5700e-003		0.1076	0.1076		0.0990	0.0990		635.5030	635.5030	0.2055		640.6413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.7000e-004	0.1826		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.15 P2 Building Construction 1 (mo. 2-4) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.5030	635.5030	0.2055		640.6413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.7000e-004	0.0855		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.16 P2 Architectural Coating - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.5661					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4820	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847
Total	8.0482	3.2501	4.8270	7.9200e-003		0.1624	0.1624		0.1624	0.1624		750.5281	750.5281	0.0423		751.5847

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.8862	3.5000e-004	0.8865	0.0935	3.3000e-004	0.0938		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	1.5381	4.6000e-004	1.5385	0.1612	4.3000e-004	0.1616		126.2998	126.2998	7.6700e-003		126.4914

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.16 P2 Architectural Coating - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.5661					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847
Total	7.7114	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0423		751.5847

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3700e-003	0.2988	0.0872	1.0300e-003	0.3950	3.5000e-004	0.3954	0.0444	3.3000e-004	0.0447		111.8031	111.8031	7.3100e-003		111.9857
Worker	5.8800e-003	3.4300e-003	0.0428	1.5000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		14.4967	14.4967	3.6000e-004		14.5057
Total	0.0143	0.3022	0.1301	1.1800e-003	0.6837	4.6000e-004	0.6841	0.0759	4.3000e-004	0.0763		126.2998	126.2998	7.6700e-003		126.4914

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.17 P2 Building Construction 2 (mo. 5) - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599
Total	0.2858	3.3713	5.3664	8.3100e-003		0.1086	0.1086		0.1010	0.1010		785.3870	785.3870	0.2429		791.4599

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.7000e-004	0.0469		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.7000e-004	0.1826		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.17 P2 Building Construction 2 (mo. 5) - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599
Total	0.1794	3.8342	5.7491	8.3100e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.3870	785.3870	0.2429		791.4599

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1800e-003	0.1494	0.0436	5.2000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.7000e-004	0.0224		55.9015	55.9015	3.6500e-003		55.9928
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0159	0.1563	0.1293	8.1000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.7000e-004	0.0855		84.8950	84.8950	4.3700e-003		85.0043

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.18 P3 Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	2.2154	8.7000e-004	2.2163	0.2337	8.3000e-004	0.2345		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	1.3038	2.1000e-004	1.3040	0.1355	2.0000e-004	0.1357		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0327	0.7539	0.3038	2.8700e-003	3.5192	1.0800e-003	3.5203	0.3691	1.0300e-003	0.3701		308.5011	308.5011	0.0190		308.9756

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.18 P3 Paving - 2024**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.547 2	2,207.547 2	0.7140		2,225.396 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7470	0.2181	2.5800e-003	0.9876	8.7000e-004	0.9885	0.1110	8.3000e-004	0.1119		279.5076	279.5076	0.0183		279.9642
Worker	0.0118	6.8700e-003	0.0857	2.9000e-004	0.5772	2.1000e-004	0.5775	0.0629	2.0000e-004	0.0631		28.9935	28.9935	7.2000e-004		29.0114
Total	0.0327	0.7539	0.3038	2.8700e-003	1.5648	1.0800e-003	1.5659	0.1739	1.0300e-003	0.1749		308.5011	308.5011	0.0190		308.9756

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.19 P3 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	18.5965	0.4465	19.0430	9.9879	0.4200	10.4079		1,841.6106	1,841.6106	0.4082		1,851.8164

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.5000e-004	0.1825		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.19 P3 Site Preparation (mo. 1) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.5000e-004	0.0854		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.20 P3 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517
Total	0.2126	2.4526	4.2365	6.1800e-003		0.0834	0.0834		0.0767	0.0767		598.0164	598.0164	0.1934		602.8517

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.5000e-004	0.1825		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.20 P3 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517
Total	0.1385	2.6950	4.6596	6.1800e-003		0.0101	0.0101		0.0101	0.0101	0.0000	598.0164	598.0164	0.1934		602.8517

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.5000e-004	0.0854		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.21 P3 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.7421					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	8.1977	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	0.7969	0.3407	5.5100e-003	5.7412	1.9600e-003	5.7432	0.6054	1.8800e-003	0.6072		595.8226	595.8226	0.0313		596.6039
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0393	0.8001	0.3807	5.6500e-003	6.3931	2.0700e-003	6.3952	0.6731	1.9800e-003	0.6751		609.7328	609.7328	0.0316		610.5224

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.21 P3 Architectural Coating - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.7421					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	7.8873	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0337	0.7969	0.3407	5.5100e-003	2.5590	1.9600e-003	2.5610	0.2875	1.8800e-003	0.2894		595.8226	595.8226	0.0313		596.6039
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0393	0.8001	0.3807	5.6500e-003	2.8477	2.0700e-003	2.8497	0.3189	1.9800e-003	0.3209		609.7328	609.7328	0.0316		610.5224

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.22 P3 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	1.7469	3.8000e-004	1.7473	0.1822	3.5000e-004	0.1825		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.22 P3 Building Construction 2 (mo. 5) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0153	0.1536	0.1228	7.9000e-004	0.7748	3.8000e-004	0.7751	0.0851	3.5000e-004	0.0854		83.3781	83.3781	4.2800e-003		83.4850

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.23 P4 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0315	0.7426	0.2939	2.8400e-003	3.5192	1.0600e-003	3.5203	0.3691	1.0000e-003	0.3701		305.6084	305.6084	0.0187		306.0770

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.23 P4 Paving - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0315	0.7426	0.2939	2.8400e-003	1.5648	1.0600e-003	1.5659	0.1739	1.0000e-003	0.1749		305.6084	305.6084	0.0187		306.0770

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.24 P4 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	18.5965	0.4465	19.0430	9.9879	0.4200	10.4079		1,841.6106	1,841.6106	0.4082		1,851.8164

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	3.0507	5.9000e-004	3.0513	0.3177	5.5000e-004	0.3182		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.24 P4 Site Preparation (mo. 1) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	1.3520	5.9000e-004	1.3526	0.1480	5.5000e-004	0.1485		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.25 P4 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	3.0507	5.9000e-004	3.0513	0.3177	5.5000e-004	0.3182		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.25 P4 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	1.3520	5.9000e-004	1.3526	0.1480	5.5000e-004	0.1485		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.26 P4 Architectural Coating - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	19.3805	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.8862	3.4000e-004	0.8865	0.0935	3.2000e-004	0.0938		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.6519	1.1000e-004	0.6520	0.0677	1.0000e-004	0.0678		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	1.5381	4.5000e-004	1.5385	0.1612	4.2000e-004	0.1616		125.0254	125.0254	7.5600e-003		125.2145

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.26 P4 Architectural Coating - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	19.0701	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1200e-003	0.2945	0.0855	1.0300e-003	0.3950	3.4000e-004	0.3954	0.0444	3.2000e-004	0.0447		111.1152	111.1152	7.2300e-003		111.2960
Worker	5.6100e-003	3.1700e-003	0.0400	1.4000e-004	0.2886	1.1000e-004	0.2887	0.0314	1.0000e-004	0.0315		13.9102	13.9102	3.3000e-004		13.9185
Total	0.0137	0.2977	0.1256	1.1700e-003	0.6837	4.5000e-004	0.6841	0.0759	4.2000e-004	0.0763		125.0254	125.0254	7.5600e-003		125.2145

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.27 P4 Building Construction 2 (mo. 5) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	3.0507	5.9000e-004	3.0513	0.3177	5.5000e-004	0.3182		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.27 P4 Building Construction 2 (mo. 5) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	1.3520	5.9000e-004	1.3526	0.1480	5.5000e-004	0.1485		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.28 P5 Paving - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	2.2154	8.5000e-004	2.2162	0.2337	8.1000e-004	0.2345		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	1.3038	2.1000e-004	1.3040	0.1355	1.9000e-004	0.1357		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0315	0.7426	0.2939	2.8400e-003	3.5192	1.0600e-003	3.5203	0.3691	1.0000e-003	0.3701		305.6084	305.6084	0.0187		306.0770

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.28 P5 Paving - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.745 2	2,206.745 2	0.7137		2,224.587 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0203	0.7362	0.2139	2.5600e-003	0.9876	8.5000e-004	0.9884	0.1110	8.1000e-004	0.1118		277.7880	277.7880	0.0181		278.2400
Worker	0.0112	6.3300e-003	0.0800	2.8000e-004	0.5772	2.1000e-004	0.5774	0.0629	1.9000e-004	0.0631		27.8205	27.8205	6.6000e-004		27.8370
Total	0.0315	0.7426	0.2939	2.8400e-003	1.5648	1.0600e-003	1.5659	0.1739	1.0000e-003	0.1749		305.6084	305.6084	0.0187		306.0770

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.29 P5 Site Preparation (mo. 1) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.5965	0.0000	18.5965	9.9879	0.0000	9.9879			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	18.5965	0.4465	19.0430	9.9879	0.4200	10.4079		1,841.6106	1,841.6106	0.4082		1,851.8164

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	3.0507	5.9000e-004	3.0513	0.3177	5.5000e-004	0.3182		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.29 P5 Site Preparation (mo. 1) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.2526	0.0000	7.2526	3.8953	0.0000	3.8953			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	7.2526	0.0726	7.3252	3.8953	0.0726	3.9679	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	1.3520	5.9000e-004	1.3526	0.1480	5.5000e-004	0.1485		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.30 P5 Building Construction 1 (mo. 2-4) - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	2.6076	4.2000e-004	2.6081	0.2709	3.9000e-004	0.2713		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	3.0507	5.9000e-004	3.0513	0.3177	5.5000e-004	0.3182		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.30 P5 Building Construction 1 (mo. 2-4) - 2025**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0600e-003	0.1473	0.0428	5.1000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.5576	55.5576	3.6200e-003		55.6480
Worker	0.0225	0.0127	0.1601	5.6000e-004	1.1545	4.2000e-004	1.1549	0.1258	3.9000e-004	0.1262		55.6409	55.6409	1.3200e-003		55.6741
Total	0.0265	0.1599	0.2028	1.0700e-003	1.3520	5.9000e-004	1.3526	0.1480	5.5000e-004	0.1485		111.1985	111.1985	4.9400e-003		111.3221

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.30 P5 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.6000e-004	0.0469		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	3.0507	5.7000e-004	3.0513	0.3177	5.4000e-004	0.3182		108.8385	108.8385	4.8100e-003		108.9589

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.30 P5 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	1.3520	5.7000e-004	1.3526	0.1480	5.4000e-004	0.1485		108.8385	108.8385	4.8100e-003		108.9589

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.31 P5 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.3755					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4556	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516
Total	19.8311	3.0547	4.8244	7.9200e-003		0.1374	0.1374		0.1374	0.1374		750.5281	750.5281	0.0409		751.5516

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	1.5381	4.3000e-004	1.5385	0.1612	4.0000e-004	0.1616		123.8721	123.8721	7.4700e-003		124.0589

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.31 P5 Architectural Coating - 2026**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	19.3755					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1453	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516
Total	19.5207	2.8262	4.8864	7.9200e-003		0.0106	0.0106		0.0106	0.0106	0.0000	750.5281	750.5281	0.0409		751.5516

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	0.6837	4.3000e-004	0.6841	0.0759	4.0000e-004	0.0763		123.8721	123.8721	7.4700e-003		124.0589

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.32 P5 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.6000e-004	0.0469		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	2.6076	4.1000e-004	2.6080	0.2709	3.8000e-004	0.2713		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	3.0507	5.7000e-004	3.0513	0.3177	5.4000e-004	0.3182		108.8385	108.8385	4.8100e-003		108.9589

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.32 P5 Building Construction 2 (mo. 5) - 2026**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0215	0.0118	0.1506	5.4000e-004	1.1545	4.1000e-004	1.1549	0.1258	3.8000e-004	0.1261		53.6027	53.6027	1.2300e-003		53.6336
Total	0.0255	0.1569	0.1927	1.0500e-003	1.3520	5.7000e-004	1.3526	0.1480	5.4000e-004	0.1485		108.8385	108.8385	4.8100e-003		108.9589

4.0 Operational Detail - Mobile

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.8275	7.1132	21.4480	0.0863	9.0771	0.0591	9.1362	2.4251	0.0549	2.4800		8,826.5838	8,826.5838	0.4127		8,836.9020
Unmitigated	1.8275	7.1132	21.4480	0.0863	9.0771	0.0591	9.1362	2.4251	0.0549	2.4800		8,826.5838	8,826.5838	0.4127		8,836.9020

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	1,500.00	1,500.00	1500.00	4,282,955	4,282,955
Total	1,500.00	1,500.00	1,500.00	4,282,955	4,282,955

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
NaturalGas Unmitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	9075.34	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	9.07534	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

6.0 Area Detail**6.1 Mitigation Measures Area**

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Unmitigated	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.6501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2427	2.0735	0.8824	0.0132		0.1677	0.1677		0.1677	0.1677	0.0000	2,647.0588	2,647.0588	0.0507	0.0485	2,662.7890
Landscaping	0.3093	0.1187	10.3029	5.4000e-004		0.0572	0.0572		0.0572	0.0572		18.5690	18.5690	0.0178		19.0136
Total	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.6501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2427	2.0735	0.8824	0.0132		0.1677	0.1677		0.1677	0.1677	0.0000	2,647.0588	2,647.0588	0.0507	0.0485	2,662.7890
Landscaping	0.3093	0.1187	10.3029	5.4000e-004		0.0572	0.0572		0.0572	0.0572		18.5690	18.5690	0.0178		19.0136
Total	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - PA 16-19 Residential**San Diego County, Mitigation Report****Construction Mitigation Summary**

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Grading -1	0.68	0.43	-0.30	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
Grading -2	0.67	0.39	-0.32	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	0.03	0.18	-0.01	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	0.39	0.02	-0.09	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	0.36	-0.09	-0.07	0.00	0.15	0.07	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	0.66	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P1 Site Preparation (mo. 1)	0.69	0.43	-0.20	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	0.04	0.12	-0.01	0.00	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	0.38	-0.02	-0.09	0.00	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	0.35	-0.13	-0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	0.65	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P2 Site Preparation (mo. 1)	0.67	0.39	-0.21	0.00	0.86	0.85	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	0.04	0.06	-0.01	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	0.33	-0.09	-0.10	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	0.33	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	0.64	-0.05	-0.18	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
P3 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00

P4 Architectural Coating	0.02	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 1 (mo. 2-4)	0.32	-0.09	-0.09	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	0.32	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P4 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	0.02	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	0.32	-0.09	-0.09	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	0.32	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P5 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation -1	0.73	0.51	-0.24	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation -2	0.73	0.50	-0.23	0.00	0.95	0.94	0.00	0.00	0.00	0.00	0.00	0.00
Utilities -1	0.60	0.06	-0.50	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Utilities -2	0.58	-0.05	-0.51	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	10	10	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Cranes	Diesel	Tier 4 Interim	10	10	No Change	0.00
Excavators	Diesel	Tier 4 Interim	6	6	No Change	0.00
Forklifts	Diesel	Tier 4 Interim	30	30	No Change	0.00
Generator Sets	Diesel	Tier 4 Interim	10	10	No Change	0.00
Graders	Diesel	Tier 4 Interim	7	7	No Change	0.00
Other Construction Equipment	Diesel	Tier 4 Interim	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	10	10	No Change	0.00
Pumps	Diesel	Tier 4 Interim	5	5	No Change	0.00
Rollers	Diesel	Tier 4 Interim	10	10	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	10	10	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	29	29	No Change	0.00
Rubber Tired Loaders	Diesel	Tier 4 Interim	2	2	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	15	15	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	60	60	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	5	5	No Change	0.00
Welders	Diesel	Tier 4 Interim	10	10	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	5.07500E-002	3.41710E-001	5.18790E-001	8.50000E-004	1.64200E-002	1.64200E-002	0.00000E+000	7.31933E+001	7.31933E+001	4.10000E-003	0.00000E+000	7.32957E+001
Cement and Mortar Mixers	6.40000E-003	4.01300E-002	3.36100E-002	8.00000E-005	1.56000E-003	1.56000E-003	0.00000E+000	4.99521E+000	4.99521E+000	5.20000E-004	0.00000E+000	5.00818E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	3.75100E-002	2.95470E-001	6.72270E-001	1.06000E-003	1.45300E-002	1.33700E-002	0.00000E+000	9.34832E+001	9.34832E+001	3.02300E-002	0.00000E+000	9.42390E+001
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	4.10700E-002	4.78700E-001	1.94240E-001	7.80000E-004	1.54900E-002	1.42500E-002	0.00000E+000	6.85639E+001	6.85639E+001	2.21700E-002	0.00000E+000	6.91183E+001
Other Construction Equipment	7.26000E-003	7.09300E-002	8.57300E-002	1.30000E-004	3.68000E-003	3.38000E-003	0.00000E+000	1.16092E+001	1.16092E+001	3.75000E-003	0.00000E+000	1.17030E+001
Pavers	2.03100E-002	1.91040E-001	3.23920E-001	5.30000E-004	8.94000E-003	8.23000E-003	0.00000E+000	4.62408E+001	4.62408E+001	1.49600E-002	0.00000E+000	4.66147E+001
Paving Equipment	1.77800E-002	1.59500E-001	2.86480E-001	4.60000E-004	7.78000E-003	7.16000E-003	0.00000E+000	4.00735E+001	4.00735E+001	1.29600E-002	0.00000E+000	4.03976E+001
Pumps	1.59600E-002	1.34910E-001	1.98930E-001	3.50000E-004	5.93000E-003	5.93000E-003	0.00000E+000	3.02386E+001	3.02386E+001	1.28000E-003	0.00000E+000	3.02705E+001
Rollers	1.61000E-002	1.68950E-001	2.07100E-001	2.90000E-004	8.85000E-003	8.14000E-003	0.00000E+000	2.58182E+001	2.58182E+001	8.35000E-003	0.00000E+000	2.60270E+001
Rough Terrain Forklifts	2.17600E-002	2.87920E-001	4.98480E-001	7.50000E-004	8.47000E-003	7.80000E-003	0.00000E+000	6.60022E+001	6.60022E+001	2.13500E-002	0.00000E+000	6.65359E+001
Rubber Tired Dozers	8.92400E-002	9.19450E-001	4.02890E-001	1.10000E-003	4.14200E-002	3.81100E-002	0.00000E+000	9.67797E+001	9.67797E+001	3.13000E-002	0.00000E+000	9.75622E+001
Rubber Tired Loaders	1.99300E-002	1.86590E-001	1.15500E-001	4.80000E-004	6.24000E-003	5.75000E-003	0.00000E+000	4.22981E+001	4.22981E+001	1.36800E-002	0.00000E+000	4.26401E+001
Scrapers	9.86400E-002	1.00567E+000	7.73480E-001	1.96000E-003	3.96900E-002	3.65200E-002	0.00000E+000	1.71944E+002	1.71944E+002	5.56100E-002	0.00000E+000	1.73335E+002
Skid Steer Loaders	1.00400E-002	1.33790E-001	2.27260E-001	3.40000E-004	4.21000E-003	3.87000E-003	0.00000E+000	2.99204E+001	2.99204E+001	9.68000E-003	0.00000E+000	3.01623E+001
Tractors/Loaders/Backhoes	5.33700E-002	5.38790E-001	8.34180E-001	1.16000E-003	2.45700E-002	2.26000E-002	0.00000E+000	1.02274E+002	1.02274E+002	3.30800E-002	0.00000E+000	1.03101E+002
Trenchers	1.74300E-002	1.62890E-001	1.37930E-001	1.80000E-004	1.10300E-002	1.01500E-002	0.00000E+000	1.58843E+001	1.58843E+001	5.14000E-003	0.00000E+000	1.60127E+001
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	1.56200E-002	3.03820E-001	5.25290E-001	8.50000E-004	1.14000E-003	1.14000E-003	0.00000E+000	7.31932E+001	7.31932E+001	4.10000E-003	0.00000E+000	7.32956E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	8.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	4.99521E+000	4.99521E+000	5.20000E-004	0.00000E+000	5.00817E+000
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	1.30900E-002	4.69000E-001	8.07110E-001	1.06000E-003	1.75000E-003	1.75000E-003	0.00000E+000	9.34831E+001	9.34831E+001	3.02300E-002	0.00000E+000	9.42389E+001
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	1.27700E-002	2.05840E-001	4.14860E-001	7.80000E-004	1.28000E-003	1.28000E-003	0.00000E+000	6.85638E+001	6.85638E+001	2.21700E-002	0.00000E+000	6.91182E+001
Other Construction Equipment	1.64000E-003	5.85900E-002	1.00840E-001	1.30000E-004	2.20000E-004	2.20000E-004	0.00000E+000	1.16091E+001	1.16091E+001	3.75000E-003	0.00000E+000	1.17030E+001
Pavers	6.47000E-003	2.31890E-001	3.99060E-001	5.30000E-004	8.60000E-004	8.60000E-004	0.00000E+000	4.62408E+001	4.62408E+001	1.49600E-002	0.00000E+000	4.66146E+001
Paving Equipment	5.63000E-003	2.01820E-001	3.47310E-001	4.60000E-004	7.50000E-004	7.50000E-004	0.00000E+000	4.00735E+001	4.00735E+001	1.29600E-002	0.00000E+000	4.03975E+001
Pumps	6.45000E-003	1.25520E-001	2.17020E-001	3.50000E-004	4.70000E-004	4.70000E-004	0.00000E+000	3.02386E+001	3.02386E+001	1.28000E-003	0.00000E+000	3.02705E+001
Rollers	6.61000E-003	1.28510E-001	2.22190E-001	2.90000E-004	4.80000E-004	4.80000E-004	0.00000E+000	2.58182E+001	2.58182E+001	8.35000E-003	0.00000E+000	2.60269E+001
Rough Terrain Forklifts	1.69200E-002	3.29120E-001	5.69040E-001	7.50000E-004	1.23000E-003	1.23000E-003	0.00000E+000	6.60022E+001	6.60022E+001	2.13500E-002	0.00000E+000	6.65358E+001
Rubber Tired Dozers	1.79800E-002	2.89970E-001	5.84450E-001	1.10000E-003	1.80000E-003	1.80000E-003	0.00000E+000	9.67796E+001	9.67796E+001	3.13000E-002	0.00000E+000	9.75621E+001
Rubber Tired Loaders	7.94000E-003	1.28030E-001	2.58040E-001	4.80000E-004	7.90000E-004	7.90000E-004	0.00000E+000	4.22980E+001	4.22980E+001	1.36800E-002	0.00000E+000	4.26400E+001
Scrapers	3.20600E-002	5.17020E-001	1.04206E+000	1.96000E-003	3.21000E-003	3.21000E-003	0.00000E+000	1.71944E+002	1.71944E+002	5.56100E-002	0.00000E+000	1.73335E+002
Skid Steer Loaders	8.37000E-003	1.91190E-001	2.58170E-001	3.40000E-004	7.81000E-003	7.81000E-003	0.00000E+000	2.99203E+001	2.99203E+001	9.68000E-003	0.00000E+000	3.01622E+001
Tractors/Loaders/Balckhoes	2.60100E-002	5.06030E-001	8.74910E-001	1.16000E-003	1.89000E-003	1.89000E-003	0.00000E+000	1.02274E+002	1.02274E+002	3.30800E-002	0.00000E+000	1.03101E+002
Trenchers	4.05000E-003	7.87500E-002	1.36160E-001	1.80000E-004	2.90000E-004	2.90000E-004	0.00000E+000	1.58842E+001	1.58842E+001	5.14000E-003	0.00000E+000	1.60127E+001
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	6.92217E-001	1.10883E-001	-1.25292E-002	0.00000E+000	9.30572E-001	9.30572E-001	0.00000E+000	1.09300E-006	1.09300E-006	0.00000E+000	0.00000E+000	1.22790E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.99673E-006
Cranes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	6.51026E-001	-5.87302E-001	-2.00574E-001	0.00000E+000	8.79560E-001	8.69110E-001	0.00000E+000	1.17668E-006	1.17668E-006	0.00000E+000	0.00000E+000	1.16724E-006
Forklifts	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Generator Sets	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	6.89067E-001	5.70002E-001	-1.13581E+000	0.00000E+000	9.17366E-001	9.10175E-001	0.00000E+000	1.16679E-006	1.16679E-006	0.00000E+000	0.00000E+000	1.30212E-006
Other Construction Equipment	7.74105E-001	1.73974E-001	-1.76251E-001	0.00000E+000	9.40217E-001	9.34911E-001	0.00000E+000	1.72278E-006	1.72278E-006	0.00000E+000	0.00000E+000	8.54480E-007
Pavers	6.81438E-001	-2.13830E-001	-2.31971E-001	0.00000E+000	9.03803E-001	8.95504E-001	0.00000E+000	1.29755E-006	1.29755E-006	0.00000E+000	0.00000E+000	1.28715E-006
Paving Equipment	6.83352E-001	-2.65329E-001	-2.12336E-001	0.00000E+000	9.03599E-001	8.95251E-001	0.00000E+000	1.24771E-006	1.24771E-006	0.00000E+000	0.00000E+000	1.23770E-006
Pumps	5.95865E-001	6.96020E-002	-9.09365E-002	0.00000E+000	9.20742E-001	9.20742E-001	0.00000E+000	1.32281E-006	1.32281E-006	0.00000E+000	0.00000E+000	9.91063E-007
Rollers	5.89441E-001	2.39361E-001	-7.28634E-002	0.00000E+000	9.45763E-001	9.41032E-001	0.00000E+000	1.16197E-006	1.16197E-006	0.00000E+000	0.00000E+000	1.15265E-006
Rough Terrain Forklifts	2.22426E-001	-1.43095E-001	-1.41550E-001	0.00000E+000	8.54782E-001	8.42308E-001	0.00000E+000	1.21208E-006	1.21208E-006	0.00000E+000	0.00000E+000	1.20236E-006
Rubber Tired Dozers	7.98521E-001	6.84627E-001	-4.50644E-001	0.00000E+000	9.56543E-001	9.52768E-001	0.00000E+000	1.23993E-006	1.23993E-006	0.00000E+000	0.00000E+000	1.12749E-006
Rubber Tired Loaders	6.01606E-001	3.13843E-001	-1.23411E+000	0.00000E+000	8.73397E-001	8.62609E-001	0.00000E+000	1.18209E-006	1.18209E-006	0.00000E+000	0.00000E+000	1.17261E-006
Scrapers	6.74980E-001	4.85895E-001	-3.47236E-001	0.00000E+000	9.19123E-001	9.12103E-001	0.00000E+000	1.22132E-006	1.22132E-006	0.00000E+000	0.00000E+000	1.15384E-006
Skid Steer Loaders	1.66335E-001	-4.29031E-001	-1.36012E-001	0.00000E+000	-8.55107E-001	-1.01809E+000	0.00000E+000	1.00266E-006	1.00266E-006	0.00000E+000	0.00000E+000	9.94620E-007
Tractors/Loaders/Balkhoes	5.12648E-001	6.08029E-002	-4.88264E-002	0.00000E+000	9.23077E-001	9.16372E-001	0.00000E+000	1.17332E-006	1.17332E-006	0.00000E+000	0.00000E+000	1.16391E-006
Trenchers	7.67642E-001	5.16545E-001	1.28326E-002	0.00000E+000	9.73708E-001	9.71429E-001	0.00000E+000	1.25911E-006	1.25911E-006	0.00000E+000	0.00000E+000	1.24901E-006
Welders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input			
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Grading -1	Fugitive Dust	0.10	0.04	0.04	0.02	0.61	0.61
Grading -1	Roads	0.15	0.02	0.06	0.01	0.56	0.55
Grading -2	Fugitive Dust	0.46	0.19	0.18	0.08	0.61	0.61
Grading -2	Roads	1.25	0.13	0.54	0.06	0.57	0.56
P1 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Architectural Coating	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P1 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 1 (mo. 2-4)	Roads	0.07	0.01	0.03	0.00	0.56	0.53
P1 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P1 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P1 Paving	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P1 Site Preparation (mo. 1)	Fugitive Dust	0.20	0.10	0.08	0.04	0.61	0.61

P1 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P2 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
P2 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 1 (mo. 2-4)	Roads	0.05	0.01	0.02	0.00	0.56	0.53
P2 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P2 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P2 Paving	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P2 Site Preparation (mo. 1)	Fugitive Dust	0.20	0.11	0.08	0.04	0.61	0.61
P2 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P3 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Architectural Coating	Roads	0.12	0.01	0.05	0.01	0.55	0.52
P3 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 1 (mo. 2-4)	Roads	0.05	0.01	0.02	0.00	0.56	0.53
P3 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P3 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P3 Paving	Roads	0.03	0.00	0.02	0.00	0.55	0.53
P3 Site Preparation (mo. 1)	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61
P3 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P4 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P4 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00

P4 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.04	0.00	0.56	0.53
P4 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P4 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P4 Paving	Roads	0.03	0.00	0.02	0.00	0.55	0.53
P4 Site Preparation (mo. 1)	Fugitive Dust	0.20	0.10	0.08	0.04	0.61	0.61
P4 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P5 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P5 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.04	0.00	0.56	0.53
P5 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P5 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P5 Paving	Roads	0.04	0.00	0.02	0.00	0.55	0.52
P5 Site Preparation (mo. 1)	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
P5 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
Site Preparation -1	Fugitive Dust	0.18	0.10	0.07	0.04	0.61	0.61
Site Preparation -1	Roads	0.06	0.01	0.03	0.00	0.56	0.53
Site Preparation -2	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61
Site Preparation -2	Roads	0.08	0.01	0.03	0.00	0.56	0.53
Utilities -1	Fugitive Dust	0.41	0.22	0.16	0.09	0.61	0.61
Utilities -1	Roads	0.05	0.01	0.02	0.00	0.55	0.53
Utilities -2	Fugitive Dust	0.98	0.54	0.38	0.21	0.61	0.61

Utilities -2	Roads	0.12	0.01	0.05	0.01	0.55	0.53
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Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			

No	Land Use	Integrate Below Market Rate Housing	0.00		
	Land Use	Land Use SubTotal	0.00		
No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00

No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
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Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00
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CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - PA 16-19 Residential (P1-5)	--	--
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Oct-23	PA 16 -19 Schedule	Proctor Valley EIR Assumptions
Operational Year	2028	PA 16 -19 Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	427.49	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

CalEEMod Input Sheet
Project Characteristics

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
Site Preparation -1	Site Preparation	1-Apr-23	30-Apr-23	5 days/week	20
Grading -1	Grading	1-May-23	30-May-23	5 days/week	22
Utilities -1	Site Preparation	1-May-23	30-Jun-23	5 days/week	45
P1 Paving	Paving	1-Jun-23	30-Jun-23	5 days/week	22
P1 Site Preparation (mo. 1)	Site Preparation	1-Jul-23	31-Jul-23	5 days/week	21
P1 Building Construction 1 (mo. 2-4)	Building Construction	1-Aug-23	31-Oct-23	5 days/week	66
P1 Architectural Coating	Architectural Coating	1-Sep-23	31-Oct-23	5 days/week	43
P1 Building Construction 2 (mo. 5)	Building Construction	1-Nov-23	30-Nov-23	5 days/week	22
Site Preparation -2	Site Preparation	1-Jan-24	31-Jan-24	5 days/week	23
Grading -2	Grading	1-Feb-24	30-Jun-24	5 days/week	107
Utilities -2	Site Preparation	1-May-24	30-Sep-24	5 days/week	109
P2 Paving	Paving	1-Jul-24	31-Jul-24	5 days/week	23
P2 Site Preparation (mo. 1)	Site Preparation	1-Aug-24	31-Aug-24	5 days/week	22
P2 Building Construction 1 (mo. 2-4)	Building Construction	1-Sep-24	30-Nov-24	5 days/week	65
P2 Architectural Coating	Architectural Coating	1-Oct-24	30-Nov-24	5 days/week	44
P2 Building Construction 2 (mo. 5)	Building Construction	1-Dec-24	31-Dec-24	5 days/week	22
P3 Paving	Paving	1-Dec-24	31-Dec-24	5 days/week	22
P3 Site Preparation (mo. 1)	Site Preparation	1-Jan-25	31-Jan-25	5 days/week	23
P3 Building Construction 1 (mo. 2-4)	Building Construction	1-Feb-25	30-Apr-25	5 days/week	63
P3 Architectural Coating	Architectural Coating	1-Mar-25	30-Apr-25	5 days/week	43
P3 Building Construction 2 (mo. 5)	Building Construction	1-May-25	31-May-25	5 days/week	22
P4 Paving	Paving	1-May-25	31-May-25	5 days/week	22
P4 Site Preparation (mo. 1)	Site Preparation	1-Jun-25	30-Jun-25	5 days/week	21
P4 Building Construction 1 (mo. 2-4)	Building Construction	1-Jul-25	30-Sep-25	5 days/week	66
P4 Architectural Coating	Architectural Coating	1-Aug-25	30-Sep-25	5 days/week	43
P4 Building Construction 2 (mo. 5)	Building Construction	1-Oct-25	31-Oct-25	5 days/week	23
P5 Paving	Paving	1-Oct-25	31-Oct-25	5 days/week	23
P5 Site Preparation (mo. 1)	Site Preparation	1-Nov-25	30-Nov-25	5 days/week	20
P5 Building Construction 1 (mo. 2-4)	Building Construction	1-Dec-25	28-Feb-26	5 days/week	65
P5 Architectural Coating	Architectural Coating	1-Jan-26	28-Feb-26	5 days/week	42
P5 Building Construction 2 (mo. 5)	Building Construction	1-Mar-26	31-Mar-26	5 days/week	22

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment

Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor			
Site Preparation (all)	Rubber Tired Dozer	default	8	default				
	Tractor/Loader/Backhoe							
	Other Construction							
	Equipment (brush grinder)							
Grading (all)	default							
Utilities (all)	Excavator	1						
	Rubber Tired Loader	1						
All Phases Site Preparation (mo. 1)	Grader	1						
	Skid Steer	1						
	Trencher	1						
	Pump	1						
	Cement Mixer	1						
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1						
	Backhoe	1						
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1						
	Skid Steer	2						
	Cement Mixer	1						
All Phases Paving	default							
All Phases Architectural Coating	Air Compressor	2						

CalEEMod Input Sheet

Construction Phase

Table 7: Dust from Material Movement

Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	default				--	default	
Grading	default	--		default	153.2	default	

Table 8: Demolition

Phase Name	Size Metric	Unit Amount
default		

Table 9: Construction Trips and VMT

Phase Name	# Trips Worker (/day)	# Trips Vendor (/day)	Total # Trips Hauling	Trip Length Worker (miles)	Trip Length Worker (miles)	Trip Length Hauling (miles)	Vehicle Class Worker	Vehicle Class Vendor	Vehicle Class Hauling
Site Preparation -1									
Site Preparation -2									
Grading -1			580	default		2	default		MHDT
Grading -2			6,828			2			MHDT
Utilities -1									
Utilities -2									
All Phases Site Preparation (mo. 1)									
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Paving									
All Phases Architectural Coating									

CalEEMod Input Sheet
Construction Phase

Table 10: On-Road Fugitive Dust

Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
Site Preparation -1								
Site Preparation -2								
Grading -1			0					
Grading -2			0					
Utilities -1								
Utilities -2								
All Phases Site Preparation (mo. 1)								
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

default

Table 11: Architectural Coating

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
P1 Architectural Coating	50	124,497	100	41,499	N/A	0	N/A	0	N/A	default
P2 Architectural Coating	50	86,190	100	28,730	N/A	0	N/A	0	N/A	
P3 Architectural Coating	50	86,190	100	28,730	N/A	0	N/A	0	N/A	
P4 Architectural Coating	50	210,685	100	70,228	N/A	0	N/A	0	N/A	
P5 Architectural Coating	50	210,685	100	70,228	N/A	0	N/A	0	N/A	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

CalEEMod Input Sheet
Construction Mitigation

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Proctor Valley EIR - PA 16-19 Residential

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - No wood stoves or fireplaces.

Area Coating - Refer to CalEEMod Input Matrix Table 36

Energy Use - Based on energy study.

Construction Off-road Equipment Mitigation -

Water Mitigation -

Waste Mitigation - Waste diversion in accordance with AB 939.

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	70,228.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	31,922.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	210,685.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	95,766.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	68.75	125.00
tblFireplaces	NumberNoFireplace	12.50	0.00
tblFireplaces	NumberWood	43.75	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	10.00	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblLandUse	BuildingSpaceSquareFeet	225,000.00	591,125.00
tblLandUse	LandUseSquareFeet	225,000.00	591,125.00
tblLandUse	LotAcreage	40.58	368.00
tblLandUse	Population	358.00	344.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblOffRoadEquipment	PhaseName	P7 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P9 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P7 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P8 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P9 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName	P6 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName	P9 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P6 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P7 Building Construction 1 (mo. 2-4)
tblOffRoadEquipment	PhaseName	P7 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tblOffRoadEquipment	PhaseName	P9 Building Construction 2 (mo. 5)
tblOffRoadEquipment	PhaseName	P6 Building Construction 2 (mo. 5)

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

[illegible]

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
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tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
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tblTripsAndVMT	WorkerTripNumber	45.00	8.00
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tblTripsAndVMT	WorkerTripNumber	45.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
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tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	8.1680	22.0093	35.2269	0.0601	8.7853	0.9380	9.7233	0.9204	0.8642	1.7846	0.0000	5,866.412 7	5,866.412 7	1.7134	0.0000	5,909.246 3
2027	19.5375	12.6918	20.4025	0.0348	6.5699	0.5186	7.0885	0.6868	0.4783	1.1650	0.0000	3,386.253 8	3,386.253 8	0.9805	0.0000	3,410.766 8
Maximum	19.5375	22.0093	35.2269	0.0601	8.7853	0.9380	9.7233	0.9204	0.8642	1.7846	0.0000	5,866.412 7	5,866.412 7	1.7134	0.0000	5,909.246 3

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	7.8533	25.5224	41.0591	0.0601	3.9044	0.1780	4.0824	0.4329	0.1778	0.6107	0.0000	5,866.412 7	5,866.412 7	1.7134	0.0000	5,909.246 3
2027	19.2229	14.7471	23.5170	0.0348	2.9168	0.1396	3.0564	0.3219	0.1395	0.4614	0.0000	3,386.253 8	3,386.253 8	0.9805	0.0000	3,410.766 8
Maximum	19.2229	25.5224	41.0591	0.0601	3.9044	0.1780	4.0824	0.4329	0.1778	0.6107	0.0000	5,866.412 7	5,866.412 7	1.7134	0.0000	5,909.246 3

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.27	-16.05	-16.08	0.00	55.58	78.20	57.54	53.04	76.36	63.65	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Mobile	1.4706	6.0649	17.4561	0.0683	7.5643	0.0494	7.6137	2.0209	0.0459	2.0669		6,989.7253	6,989.7253	0.3453		6,998.3574
Total	17.8107	9.0935	28.9972	0.0875	7.5643	0.3419	7.9061	2.0209	0.3384	2.3593	0.0000	10,723.0405	10,723.0405	0.4343	0.0681	10,754.1921

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Mobile	1.4706	6.0649	17.4561	0.0683	7.5643	0.0494	7.6137	2.0209	0.0459	2.0669		6,989.7253	6,989.7253	0.3453		6,998.3574
Total	17.8107	9.0935	28.9972	0.0875	7.5643	0.3419	7.9061	2.0209	0.3384	2.3593	0.0000	10,723.0405	10,723.0405	0.4343	0.0681	10,754.1921

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2026	4/30/2026	5	22	
2	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2026	7/31/2026	5	66	
3	P6 Architectural Coating	Architectural Coating	6/1/2026	7/31/2026	5	45	
4	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2026	8/31/2026	5	21	
5	P6 Paving	Paving	8/1/2026	8/31/2026	5	21	
6	P7 Paving	Paving	8/1/2026	8/31/2026	5	21	
7	P7 Site Preparation (mo. 1)	Site Preparation	9/1/2026	9/30/2026	5	22	
8	P7 Building Construction 1 (mo. 2-4)	Building Construction	10/1/2026	12/31/2026	5	66	
9	P7 Architectural Coating	Architectural Coating	11/1/2026	12/31/2026	5	44	
10	P7 Building Construction 2 (mo. 5)	Building Construction	1/1/2027	1/31/2027	5	21	
11	P8 Paving	Paving	1/1/2027	1/31/2027	5	21	
12	P8 Site Preparation (mo. 1)	Site Preparation	2/1/2027	2/28/2027	5	20	
13	P8 Building Construction 1 (mo. 2-4)	Building Construction	3/1/2027	5/31/2027	5	66	
14	P8 Architectural Coating	Architectural Coating	4/1/2027	5/31/2027	5	43	
15	P8 Building Construction 2 (mo. 5)	Building Construction	6/1/2027	6/30/2027	5	22	
16	P9 Paving	Paving	6/1/2027	6/30/2027	5	22	
17	P9 Site Preparation (mo. 1)	Site Preparation	7/1/2027	7/31/2027	5	22	
18	P9 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2027	10/31/2027	5	65	
19	P9 Architectural Coating	Architectural Coating	9/1/2027	10/31/2027	5	43	
20	P9 Building Construction 2 (mo. 5)	Building Construction	11/1/2027	11/30/2027	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Residential Indoor: 86,190; Residential Outdoor: 28,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architectural Coating	Air Compressors	2	6.00	78	0.48
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Architectural Coating	Air Compressors	2	6.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P8 Paving	Pavers	2	8.00	130	0.42
P8 Paving	Paving Equipment	2	8.00	132	0.36
P8 Paving	Rollers	2	8.00	80	0.38
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P8 Architectural Coating	Air Compressors	2	6.00	78	0.48
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P9 Paving	Pavers	2	8.00	130	0.42
P9 Paving	Paving Equipment	2	8.00	132	0.36
P9 Paving	Rollers	2	8.00	80	0.38
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P9 Architectural Coating	Air Compressors	2	6.00	78	0.48
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P6 Site Preparation (mo. 1)	5	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2)	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2)	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2)	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2)	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 P6 Site Preparation (mo. 1) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.0000	0.4465	0.4465	0.0000	0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.2 P6 Site Preparation (mo. 1) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0165	0.1511	0.1164	7.5000e-004	1.7469	3.7000e-004	1.7473	0.1822	3.5000e-004	0.1826		79.0044	79.0044	4.3400e-003		79.1128

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.2 P6 Site Preparation (mo. 1) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0165	0.1511	0.1164	7.5000e-004	0.7748	3.7000e-004	0.7751	0.0851	3.5000e-004	0.0854		79.0044	79.0044	4.3400e-003		79.1128

3.3 P6 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.3 P6 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0165	0.1511	0.1164	7.5000e-004	1.7469	3.7000e-004	1.7473	0.1822	3.5000e-004	0.1826		79.0044	79.0044	4.3400e-003		79.1128

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.3 P6 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0165	0.1511	0.1164	7.5000e-004	0.7748	3.7000e-004	0.7751	0.0851	3.5000e-004	0.0854		79.0044	79.0044	4.3400e-003		79.1128

3.4 P6 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3980					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	7.7397	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.4 P6 Architectural Coating - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	1.5381	4.4000e-004	1.5385	0.1612	4.2000e-004	0.1616		120.2632	120.2632	7.8100e-003		120.4584

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3980					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	7.5069	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

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3.4 P6 Architectural Coating - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	0.6837	4.4000e-004	0.6841	0.0759	4.2000e-004	0.0763		120.2632	120.2632	7.8100e-003		120.4584

3.5 P6 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

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3.5 P6 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0165	0.1511	0.1164	7.5000e-004	1.7469	3.7000e-004	1.7473	0.1822	3.5000e-004	0.1826		79.0044	79.0044	4.3400e-003		79.1128

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

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3.5 P6 Building Construction 2 (mo. 5) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0165	0.1511	0.1164	7.5000e-004	0.7748	3.7000e-004	0.7751	0.0851	3.5000e-004	0.0854		79.0044	79.0044	4.3400e-003		79.1128

3.6 P6 Paving - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

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3.6 P6 Paving - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	2.2154	8.6000e-004	2.2162	0.2337	8.2000e-004	0.2345		269.2035	269.2035	0.0188		269.6733
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0332	0.7291	0.3011	2.7300e-003	3.5192	1.0600e-003	3.5203	0.3691	1.0100e-003	0.3701		294.3671	294.3671	0.0194		294.8514

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.6 P6 Paving - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	0.9876	8.6000e-004	0.9884	0.1110	8.2000e-004	0.1118		269.2035	269.2035	0.0188		269.6733
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0332	0.7291	0.3011	2.7300e-003	1.5648	1.0600e-003	1.5659	0.1739	1.0100e-003	0.1749		294.3671	294.3671	0.0194		294.8514

3.7 P7 Paving - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.7 P7 Paving - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	2.2154	8.6000e-004	2.2162	0.2337	8.2000e-004	0.2345		269.2035	269.2035	0.0188		269.6733
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0332	0.7291	0.3011	2.7300e-003	3.5192	1.0600e-003	3.5203	0.3691	1.0100e-003	0.3701		294.3671	294.3671	0.0194		294.8514

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.7 P7 Paving - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0209	0.7225	0.2309	2.4800e-003	0.9876	8.6000e-004	0.9884	0.1110	8.2000e-004	0.1118		269.2035	269.2035	0.0188		269.6733
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0332	0.7291	0.3011	2.7300e-003	1.5648	1.0600e-003	1.5659	0.1739	1.0100e-003	0.1749		294.3671	294.3671	0.0194		294.8514

3.8 P7 Site Preparation (mo. 1) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.0000	0.4465	0.4465	0.0000	0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164

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3.8 P7 Site Preparation (mo. 1) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0207	0.2956	0.1626	1.2400e-003	2.1900	5.4000e-004	2.1905	0.2289	5.2000e-004	0.2294		132.8451	132.8451	8.1000e-003		133.0475

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.8 P7 Site Preparation (mo. 1) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0207	0.2956	0.1626	1.2400e-003	0.9723	5.4000e-004	0.9728	0.1073	5.2000e-004	0.1078		132.8451	132.8451	8.1000e-003		133.0475

3.9 P7 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

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3.9 P7 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.4431	1.7000e-004	0.4433	0.0467	1.6000e-004	0.0469		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0165	0.1511	0.1164	7.5000e-004	1.7469	3.7000e-004	1.7473	0.1822	3.5000e-004	0.1826		79.0044	79.0044	4.3400e-003		79.1128

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.9 P7 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.1700e-003	0.1445	0.0462	5.0000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.8407	53.8407	3.7600e-003		53.9347
Worker	0.0124	6.6000e-003	0.0702	2.5000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		25.1637	25.1637	5.8000e-004		25.1782
Total	0.0165	0.1511	0.1164	7.5000e-004	0.7748	3.7000e-004	0.7751	0.0851	3.5000e-004	0.0854		79.0044	79.0044	4.3400e-003		79.1128

3.10 P7 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.5661					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	7.9078	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

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3.10 P7 Architectural Coating - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.8862	3.4000e-004	0.8865	0.0935	3.3000e-004	0.0938		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	1.5381	4.4000e-004	1.5385	0.1612	4.2000e-004	0.1616		120.2632	120.2632	7.8100e-003		120.4584

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.5661					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	7.6751	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

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3.10 P7 Architectural Coating - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.3400e-003	0.2890	0.0924	9.9000e-004	0.3950	3.4000e-004	0.3954	0.0444	3.3000e-004	0.0447		107.6814	107.6814	7.5200e-003		107.8693
Worker	6.1800e-003	3.3000e-003	0.0351	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.5818	12.5818	2.9000e-004		12.5891
Total	0.0145	0.2923	0.1275	1.1200e-003	0.6837	4.4000e-004	0.6841	0.0759	4.2000e-004	0.0763		120.2632	120.2632	7.8100e-003		120.4584

3.11 P7 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

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3.11 P7 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.4431	1.7000e-004	0.4432	0.0467	1.6000e-004	0.0469		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0159	0.1487	0.1118	7.3000e-004	1.7469	3.6000e-004	1.7473	0.1822	3.4000e-004	0.1825		77.8811	77.8811	4.2600e-003		77.9878

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

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3.11 P7 Building Construction 2 (mo. 5) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0159	0.1487	0.1118	7.3000e-004	0.7748	3.6000e-004	0.7751	0.0851	3.4000e-004	0.0854		77.8811	77.8811	4.2600e-003		77.9878

3.12 P8 Paving - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

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3.12 P8 Paving - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0204	0.7125	0.2280	2.4700e-003	2.2154	8.3000e-004	2.2162	0.2337	8.0000e-004	0.2345		267.8026	267.8026	0.0186		268.2678
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0322	0.7187	0.2942	2.7100e-003	3.5192	1.0200e-003	3.5202	0.3691	9.8000e-004	0.3701		292.1232	292.1232	0.0192		292.6020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

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3.12 P8 Paving - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0204	0.7125	0.2280	2.4700e-003	0.9876	8.3000e-004	0.9884	0.1110	8.0000e-004	0.1118		267.8026	267.8026	0.0186		268.2678
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0322	0.7187	0.2942	2.7100e-003	1.5648	1.0200e-003	1.5659	0.1739	9.8000e-004	0.1749		292.1232	292.1232	0.0192		292.6020

3.13 P8 Site Preparation (mo. 1) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.0000	0.4465	0.4465	0.0000	0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164

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3.13 P8 Site Preparation (mo. 1) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.4431	1.7000e-004	0.4432	0.0467	1.6000e-004	0.0469		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0237	0.0123	0.1324	4.9000e-004	2.6076	3.9000e-004	2.6080	0.2709	3.5000e-004	0.2713		48.6412	48.6412	1.0900e-003		48.6684
Total	0.0278	0.1548	0.1780	9.8000e-004	3.0507	5.6000e-004	3.0513	0.3177	5.1000e-004	0.3182		102.2018	102.2018	4.8100e-003		102.3220

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

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3.13 P8 Site Preparation (mo. 1) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0237	0.0123	0.1324	4.9000e-004	1.1545	3.9000e-004	1.1549	0.1258	3.5000e-004	0.1261		48.6412	48.6412	1.0900e-003		48.6684
Total	0.0278	0.1548	0.1780	9.8000e-004	1.3520	5.6000e-004	1.3525	0.1480	5.1000e-004	0.1485		102.2018	102.2018	4.8100e-003		102.3220

3.14 P8 Building Construction 1 (mo. 2-4) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

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3.14 P8 Building Construction 1 (mo. 2-4) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.4431	1.7000e-004	0.4432	0.0467	1.6000e-004	0.0469		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0237	0.0123	0.1324	4.9000e-004	2.6076	3.9000e-004	2.6080	0.2709	3.5000e-004	0.2713		48.6412	48.6412	1.0900e-003		48.6684
Total	0.0278	0.1548	0.1780	9.8000e-004	3.0507	5.6000e-004	3.0513	0.3177	5.1000e-004	0.3182		102.2018	102.2018	4.8100e-003		102.3220

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

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3.14 P8 Building Construction 1 (mo. 2-4) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0237	0.0123	0.1324	4.9000e-004	1.1545	3.9000e-004	1.1549	0.1258	3.5000e-004	0.1261		48.6412	48.6412	1.0900e-003		48.6684
Total	0.0278	0.1548	0.1780	9.8000e-004	1.3520	5.6000e-004	1.3525	0.1480	5.1000e-004	0.1485		102.2018	102.2018	4.8100e-003		102.3220

3.15 P8 Architectural Coating - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	19.2666	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

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3.15 P8 Architectural Coating - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1500e-003	0.2850	0.0912	9.9000e-004	0.8862	3.3000e-004	0.8865	0.0935	3.2000e-004	0.0938		107.1210	107.1210	7.4400e-003		107.3071
Worker	5.9200e-003	3.0800e-003	0.0331	1.2000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.1603	12.1603	2.7000e-004		12.1671
Total	0.0141	0.2881	0.1243	1.1100e-003	1.5381	4.3000e-004	1.5385	0.1612	4.1000e-004	0.1616		119.2813	119.2813	7.7100e-003		119.4742

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	19.0338	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

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3.15 P8 Architectural Coating - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1500e-003	0.2850	0.0912	9.9000e-004	0.3950	3.3000e-004	0.3954	0.0444	3.2000e-004	0.0447		107.1210	107.1210	7.4400e-003		107.3071
Worker	5.9200e-003	3.0800e-003	0.0331	1.2000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.1603	12.1603	2.7000e-004		12.1671
Total	0.0141	0.2881	0.1243	1.1100e-003	0.6837	4.3000e-004	0.6841	0.0759	4.1000e-004	0.0763		119.2813	119.2813	7.7100e-003		119.4742

3.16 P8 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

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3.16 P8 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.4431	1.7000e-004	0.4432	0.0467	1.6000e-004	0.0469		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0237	0.0123	0.1324	4.9000e-004	2.6076	3.9000e-004	2.6080	0.2709	3.5000e-004	0.2713		48.6412	48.6412	1.0900e-003		48.6684
Total	0.0278	0.1548	0.1780	9.8000e-004	3.0507	5.6000e-004	3.0513	0.3177	5.1000e-004	0.3182		102.2018	102.2018	4.8100e-003		102.3220

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

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3.16 P8 Building Construction 2 (mo. 5) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0237	0.0123	0.1324	4.9000e-004	1.1545	3.9000e-004	1.1549	0.1258	3.5000e-004	0.1261		48.6412	48.6412	1.0900e-003		48.6684
Total	0.0278	0.1548	0.1780	9.8000e-004	1.3520	5.6000e-004	1.3525	0.1480	5.1000e-004	0.1485		102.2018	102.2018	4.8100e-003		102.3220

3.17 P9 Paving - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

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3.17 P9 Paving - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0204	0.7125	0.2280	2.4700e-003	2.2154	8.3000e-004	2.2162	0.2337	8.0000e-004	0.2345		267.8026	267.8026	0.0186		268.2678
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0322	0.7187	0.2942	2.7100e-003	3.5192	1.0200e-003	3.5202	0.3691	9.8000e-004	0.3701		292.1232	292.1232	0.0192		292.6020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

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3.17 P9 Paving - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0204	0.7125	0.2280	2.4700e-003	0.9876	8.3000e-004	0.9884	0.1110	8.0000e-004	0.1118		267.8026	267.8026	0.0186		268.2678
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0322	0.7187	0.2942	2.7100e-003	1.5648	1.0200e-003	1.5659	0.1739	9.8000e-004	0.1749		292.1232	292.1232	0.0192		292.6020

3.18 P9 Site Preparation (mo. 1) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.0000	0.4465	0.4465	0.0000	0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164

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3.18 P9 Site Preparation (mo. 1) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.4431	1.7000e-004	0.4432	0.0467	1.6000e-004	0.0469		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0159	0.1487	0.1118	7.3000e-004	1.7469	3.6000e-004	1.7473	0.1822	3.4000e-004	0.1825		77.8811	77.8811	4.2600e-003		77.9878

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

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3.18 P9 Site Preparation (mo. 1) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0159	0.1487	0.1118	7.3000e-004	0.7748	3.6000e-004	0.7751	0.0851	3.4000e-004	0.0854		77.8811	77.8811	4.2600e-003		77.9878

3.19 P9 Building Construction 1 (mo. 2-4) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

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3.19 P9 Building Construction 1 (mo. 2-4) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.4431	1.7000e-004	0.4432	0.0467	1.6000e-004	0.0469		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0159	0.1487	0.1118	7.3000e-004	1.7469	3.6000e-004	1.7473	0.1822	3.4000e-004	0.1825		77.8811	77.8811	4.2600e-003		77.9878

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

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3.19 P9 Building Construction 1 (mo. 2-4) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0159	0.1487	0.1118	7.3000e-004	0.7748	3.6000e-004	0.7751	0.0851	3.4000e-004	0.0854		77.8811	77.8811	4.2600e-003		77.9878

3.20 P9 Architectural Coating - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.6022					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	8.9440	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.20 P9 Architectural Coating - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1500e-003	0.2850	0.0912	9.9000e-004	0.8862	3.3000e-004	0.8865	0.0935	3.2000e-004	0.0938		107.1210	107.1210	7.4400e-003		107.3071
Worker	5.9200e-003	3.0800e-003	0.0331	1.2000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.1603	12.1603	2.7000e-004		12.1671
Total	0.0141	0.2881	0.1243	1.1100e-003	1.5381	4.3000e-004	1.5385	0.1612	4.1000e-004	0.1616		119.2813	119.2813	7.7100e-003		119.4742

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.6022					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	8.7112	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.20 P9 Architectural Coating - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.1500e-003	0.2850	0.0912	9.9000e-004	0.3950	3.3000e-004	0.3954	0.0444	3.2000e-004	0.0447		107.1210	107.1210	7.4400e-003		107.3071
Worker	5.9200e-003	3.0800e-003	0.0331	1.2000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.1603	12.1603	2.7000e-004		12.1671
Total	0.0141	0.2881	0.1243	1.1100e-003	0.6837	4.3000e-004	0.6841	0.0759	4.1000e-004	0.0763		119.2813	119.2813	7.7100e-003		119.4742

3.21 P9 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.21 P9 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.4431	1.7000e-004	0.4432	0.0467	1.6000e-004	0.0469		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0159	0.1487	0.1118	7.3000e-004	1.7469	3.6000e-004	1.7473	0.1822	3.4000e-004	0.1825		77.8811	77.8811	4.2600e-003		77.9878

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

3.21 P9 Building Construction 2 (mo. 5) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.0800e-003	0.1425	0.0456	4.9000e-004	0.1975	1.7000e-004	0.1977	0.0222	1.6000e-004	0.0224		53.5605	53.5605	3.7200e-003		53.6536
Worker	0.0118	6.1600e-003	0.0662	2.4000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		24.3206	24.3206	5.4000e-004		24.3342
Total	0.0159	0.1487	0.1118	7.3000e-004	0.7748	3.6000e-004	0.7751	0.0851	3.4000e-004	0.0854		77.8811	77.8811	4.2600e-003		77.9878

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4706	6.0649	17.4561	0.0683	7.5643	0.0494	7.6137	2.0209	0.0459	2.0669		6,989.725 3	6,989.725 3	0.3453		6,998.357 4
Unmitigated	1.4706	6.0649	17.4561	0.0683	7.5643	0.0494	7.6137	2.0209	0.0459	2.0669		6,989.725 3	6,989.725 3	0.3453		6,998.357 4

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	1,250.00	1,250.00	1250.00	3,569,129	3,569,129
Total	1,250.00	1,250.00	1,250.00	3,569,129	3,569,129

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

5.0 Energy Detail

Historical Energy Use: N

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
NaturalGas Unmitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	9075.34	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	9.07534	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Unmitigated	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.6501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2427	2.0735	0.8824	0.0132		0.1677	0.1677		0.1677	0.1677	0.0000	2,647.0588	2,647.0588	0.0507	0.0485	2,662.7890
Landscaping	0.3093	0.1187	10.3029	5.4000e-004		0.0572	0.0572		0.0572	0.0572		18.5690	18.5690	0.0178		19.0136
Total	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.6501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2427	2.0735	0.8824	0.0132		0.1677	0.1677		0.1677	0.1677	0.0000	2,647.0588	2,647.0588	0.0507	0.0485	2,662.7890
Landscaping	0.3093	0.1187	10.3029	5.4000e-004		0.0572	0.0572		0.0572	0.0572		18.5690	18.5690	0.0178		19.0136
Total	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Winter

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Proctor Valley EIR - PA 16-19 Residential

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Vehicle Emission Factors -

Vehicle Emission Factors -

Vehicle Emission Factors -

Woodstoves - No wood stoves or fireplaces.

Area Coating - Refer to CalEEMod Input Matrix Table 36

Energy Use - Based on energy study.

Construction Off-road Equipment Mitigation -

Water Mitigation -

Waste Mitigation - Waste diversion in accordance with AB 939.

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 10

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	70,228.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	28,730.00
tblArchitecturalCoating	ConstArea_Residential_Exterior	399,009.00	31,922.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	210,685.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	86,190.00
tblArchitecturalCoating	ConstArea_Residential_Interior	1,197,028.00	95,766.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblAreaMitigation	UseLowVOCPaintResidentialExteriorValue	250	150
tblAreaMitigation	UseLowVOCPaintResidentialInteriorValue	250	150
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	NT24E	6,680.41	2,371.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24NG	24,312.55	22,000.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	68.75	125.00
tblFireplaces	NumberNoFireplace	12.50	0.00
tblFireplaces	NumberWood	43.75	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	10.00	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblGrading	AcresOfGrading	11.00	0.00
tblLandUse	BuildingSpaceSquareFeet	225,000.00	591,125.00
tblLandUse	LandUseSquareFeet	225,000.00	591,125.00
tblLandUse	LotAcreage	40.58	368.00
tblLandUse	Population	358.00	344.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tbloffRoadEquipment	PhaseName	P7 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P9 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P6 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P7 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P7 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P8 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P9 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P6 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P9 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P6 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P7 Building Construction 1 (mo. 2-4)
tbloffRoadEquipment	PhaseName	P7 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P8 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P8 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P9 Site Preparation (mo. 1)
tbloffRoadEquipment	PhaseName	P9 Building Construction 2 (mo. 5)
tbloffRoadEquipment	PhaseName	P6 Building Construction 2 (mo. 5)

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

[illegible]

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblOnRoadDust	VendorPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
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tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
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tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	8.00
tblTripsAndVMT	WorkerTripNumber	45.00	8.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	4.00
tblTripsAndVMT	WorkerTripNumber	45.00	4.00
tblTripsAndVMT	WorkerTripNumber	9.00	2.00
tblVehicleTrips	ST_TR	9.91	10.00
tblVehicleTrips	SU_TR	8.62	10.00
tblVehicleTrips	WD_TR	9.52	10.00
tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	8.1649	22.0143	35.1981	0.0603	8.7853	0.9379	9.7232	0.9204	0.8641	1.7845	0.0000	5,886.671 2	5,886.671 2	1.7115	0.0000	5,929.459 0
2027	19.5330	12.6938	20.3936	0.0349	6.5699	0.5185	7.0884	0.6868	0.4782	1.1650	0.0000	3,399.288 7	3,399.288 7	0.9796	0.0000	3,423.778 8
Maximum	19.5330	22.0143	35.1981	0.0603	8.7853	0.9379	9.7232	0.9204	0.8641	1.7845	0.0000	5,886.671 2	5,886.671 2	1.7115	0.0000	5,929.459 0

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2026	7.8503	25.5275	41.0303	0.0603	3.9044	0.1779	4.0823	0.4329	0.1777	0.6106	0.0000	5,886.671 2	5,886.671 2	1.7115	0.0000	5,929.459 0
2027	19.2184	14.7491	23.5081	0.0349	2.9168	0.1396	3.0564	0.3219	0.1395	0.4614	0.0000	3,399.288 7	3,399.288 7	0.9796	0.0000	3,423.778 8
Maximum	19.2184	25.5275	41.0303	0.0603	3.9044	0.1779	4.0823	0.4329	0.1777	0.6106	0.0000	5,886.671 2	5,886.671 2	1.7115	0.0000	5,929.459 0

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.27	-16.04	-16.09	0.00	55.58	78.20	57.54	53.04	76.37	63.65	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Mobile	1.5229	5.9277	17.8734	0.0719	7.5643	0.0493	7.6135	2.0209	0.0458	2.0667		7,355.4865	7,355.4865	0.3439		7,364.0850
Total	17.8630	8.9563	29.4145	0.0911	7.5643	0.3417	7.9060	2.0209	0.3382	2.3591	0.0000	11,088.8017	11,088.8017	0.4329	0.0681	11,119.9197

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Energy	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Mobile	1.5229	5.9277	17.8734	0.0719	7.5643	0.0493	7.6135	2.0209	0.0458	2.0667		7,355.4865	7,355.4865	0.3439		7,364.0850
Total	17.8630	8.9563	29.4145	0.0911	7.5643	0.3417	7.9060	2.0209	0.3382	2.3591	0.0000	11,088.8017	11,088.8017	0.4329	0.0681	11,119.9197

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2026	4/30/2026	5	22	
2	P6 Building Construction 1 (mo. 2-4)	Building Construction	5/1/2026	7/31/2026	5	66	
3	P6 Architectural Coating	Architectural Coating	6/1/2026	7/31/2026	5	45	
4	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2026	8/31/2026	5	21	
5	P6 Paving	Paving	8/1/2026	8/31/2026	5	21	
6	P7 Paving	Paving	8/1/2026	8/31/2026	5	21	
7	P7 Site Preparation (mo. 1)	Site Preparation	9/1/2026	9/30/2026	5	22	
8	P7 Building Construction 1 (mo. 2-4)	Building Construction	10/1/2026	12/31/2026	5	66	
9	P7 Architectural Coating	Architectural Coating	11/1/2026	12/31/2026	5	44	
10	P7 Building Construction 2 (mo. 5)	Building Construction	1/1/2027	1/31/2027	5	21	
11	P8 Paving	Paving	1/1/2027	1/31/2027	5	21	
12	P8 Site Preparation (mo. 1)	Site Preparation	2/1/2027	2/28/2027	5	20	
13	P8 Building Construction 1 (mo. 2-4)	Building Construction	3/1/2027	5/31/2027	5	66	
14	P8 Architectural Coating	Architectural Coating	4/1/2027	5/31/2027	5	43	
15	P8 Building Construction 2 (mo. 5)	Building Construction	6/1/2027	6/30/2027	5	22	
16	P9 Paving	Paving	6/1/2027	6/30/2027	5	22	
17	P9 Site Preparation (mo. 1)	Site Preparation	7/1/2027	7/31/2027	5	22	
18	P9 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2027	10/31/2027	5	65	
19	P9 Architectural Coating	Architectural Coating	9/1/2027	10/31/2027	5	43	
20	P9 Building Construction 2 (mo. 5)	Building Construction	11/1/2027	11/30/2027	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Residential Indoor: 86,190; Residential Outdoor: 28,730; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architectural Coating	Air Compressors	2	6.00	78	0.48
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40

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P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Architectural Coating	Air Compressors	2	6.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P8 Paving	Pavers	2	8.00	130	0.42
P8 Paving	Paving Equipment	2	8.00	132	0.36
P8 Paving	Rollers	2	8.00	80	0.38
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P8 Architectural Coating	Air Compressors	2	6.00	78	0.48
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P9 Paving	Pavers	2	8.00	130	0.42
P9 Paving	Paving Equipment	2	8.00	132	0.36
P9 Paving	Rollers	2	8.00	80	0.38
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P9 Architectural Coating	Air Compressors	2	6.00	78	0.48
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P6 Site Preparation (mo. 1)	5	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2)	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	5	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2)	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	5	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2)	2	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	4	8.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Paving	6	4.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	5	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2)	2	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	2.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	4	4.00	2.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 P6 Site Preparation (mo. 1) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.0000	0.4465	0.4465	0.0000	0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.2 P6 Site Preparation (mo. 1) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.6000e-004	0.0469		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0147	0.1511	0.1175	7.8000e-004	1.7469	3.6000e-004	1.7473	0.1822	3.5000e-004	0.1825		82.0371	82.0371	4.2000e-003		82.1421

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.2 P6 Site Preparation (mo. 1) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0147	0.1511	0.1175	7.8000e-004	0.7748	3.6000e-004	0.7751	0.0851	3.5000e-004	0.0854		82.0371	82.0371	4.2000e-003		82.1421

3.3 P6 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.3 P6 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.6000e-004	0.0469		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0147	0.1511	0.1175	7.8000e-004	1.7469	3.6000e-004	1.7473	0.1822	3.5000e-004	0.1825		82.0371	82.0371	4.2000e-003		82.1421

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.3 P6 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0147	0.1511	0.1175	7.8000e-004	0.7748	3.6000e-004	0.7751	0.0851	3.5000e-004	0.0854		82.0371	82.0371	4.2000e-003		82.1421

3.4 P6 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3980					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	7.7397	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

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3.4 P6 Architectural Coating - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	1.5381	4.3000e-004	1.5385	0.1612	4.0000e-004	0.1616		123.8721	123.8721	7.4700e-003		124.0589

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.3980					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	7.5069	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.4 P6 Architectural Coating - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	0.6837	4.3000e-004	0.6841	0.0759	4.0000e-004	0.0763		123.8721	123.8721	7.4700e-003		124.0589

3.5 P6 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.5 P6 Building Construction 2 (mo. 5) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.6000e-004	0.0469		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0147	0.1511	0.1175	7.8000e-004	1.7469	3.6000e-004	1.7473	0.1822	3.5000e-004	0.1825		82.0371	82.0371	4.2000e-003		82.1421

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.5 P6 Building Construction 2 (mo. 5) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0147	0.1511	0.1175	7.8000e-004	0.7748	3.6000e-004	0.7751	0.0851	3.5000e-004	0.0854		82.0371	82.0371	4.2000e-003		82.1421

3.6 P6 Paving - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.6 P6 Paving - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	2.2154	8.2000e-004	2.2162	0.2337	7.9000e-004	0.2345		276.1786	276.1786	0.0179		276.6263
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0305	0.7317	0.2862	2.8200e-003	3.5192	1.0200e-003	3.5202	0.3691	9.8000e-004	0.3701		302.9800	302.9800	0.0185		303.4431

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.6 P6 Paving - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	0.9876	8.2000e-004	0.9884	0.1110	7.9000e-004	0.1118		276.1786	276.1786	0.0179		276.6263
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0305	0.7317	0.2862	2.8200e-003	1.5648	1.0200e-003	1.5659	0.1739	9.8000e-004	0.1749		302.9800	302.9800	0.0185		303.4431

3.7 P7 Paving - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.7 P7 Paving - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	2.2154	8.2000e-004	2.2162	0.2337	7.9000e-004	0.2345		276.1786	276.1786	0.0179		276.6263
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0305	0.7317	0.2862	2.8200e-003	3.5192	1.0200e-003	3.5202	0.3691	9.8000e-004	0.3701		302.9800	302.9800	0.0185		303.4431

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.7 P7 Paving - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0198	0.7258	0.2109	2.5500e-003	0.9876	8.2000e-004	0.9884	0.1110	7.9000e-004	0.1118		276.1786	276.1786	0.0179		276.6263
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0305	0.7317	0.2862	2.8200e-003	1.5648	1.0200e-003	1.5659	0.1739	9.8000e-004	0.1749		302.9800	302.9800	0.0185		303.4431

3.8 P7 Site Preparation (mo. 1) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.0000	0.4465	0.4465	0.0000	0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.8 P7 Site Preparation (mo. 1) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0187	0.2962	0.1596	1.2900e-003	2.1900	5.3000e-004	2.1905	0.2289	5.0000e-004	0.2294		137.2728	137.2728	7.7800e-003		137.4673

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

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3.8 P7 Site Preparation (mo. 1) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0187	0.2962	0.1596	1.2900e-003	0.9723	5.3000e-004	0.9728	0.1073	5.0000e-004	0.1078		137.2728	137.2728	7.7800e-003		137.4673

3.9 P7 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

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3.9 P7 Building Construction 1 (mo. 2-4) - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.6000e-004	0.0469		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	1.3038	2.0000e-004	1.3040	0.1355	1.9000e-004	0.1357		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0147	0.1511	0.1175	7.8000e-004	1.7469	3.6000e-004	1.7473	0.1822	3.5000e-004	0.1825		82.0371	82.0371	4.2000e-003		82.1421

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

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3.9 P7 Building Construction 1 (mo. 2-4) - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.9600e-003	0.1452	0.0422	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.6000e-004	0.0224		55.2357	55.2357	3.5800e-003		55.3253
Worker	0.0108	5.8900e-003	0.0753	2.7000e-004	0.5772	2.0000e-004	0.5774	0.0629	1.9000e-004	0.0631		26.8014	26.8014	6.2000e-004		26.8168
Total	0.0147	0.1511	0.1175	7.8000e-004	0.7748	3.6000e-004	0.7751	0.0851	3.5000e-004	0.0854		82.0371	82.0371	4.2000e-003		82.1421

3.10 P7 Architectural Coating - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.5661					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	7.9078	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

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3.10 P7 Architectural Coating - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.8862	3.3000e-004	0.8865	0.0935	3.1000e-004	0.0938		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	1.5381	4.3000e-004	1.5385	0.1612	4.0000e-004	0.1616		123.8721	123.8721	7.4700e-003		124.0589

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	7.5661					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	7.6751	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

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3.10 P7 Architectural Coating - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.9200e-003	0.2903	0.0844	1.0200e-003	0.3950	3.3000e-004	0.3954	0.0444	3.1000e-004	0.0447		110.4715	110.4715	7.1600e-003		110.6505
Worker	5.3700e-003	2.9500e-003	0.0376	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		13.4007	13.4007	3.1000e-004		13.4084
Total	0.0133	0.2933	0.1220	1.1500e-003	0.6837	4.3000e-004	0.6841	0.0759	4.0000e-004	0.0763		123.8721	123.8721	7.4700e-003		124.0589

3.11 P7 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.11 P7 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.5000e-004	0.0469		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0142	0.1487	0.1127	7.7000e-004	1.7469	3.5000e-004	1.7473	0.1822	3.3000e-004	0.1825		80.8453	80.8453	4.1300e-003		80.9486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

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3.11 P7 Building Construction 2 (mo. 5) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.5000e-004	0.0224		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0142	0.1487	0.1127	7.7000e-004	0.7748	3.5000e-004	0.7751	0.0851	3.3000e-004	0.0854		80.8453	80.8453	4.1300e-003		80.9486

3.12 P8 Paving - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.12 P8 Paving - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0194	0.7158	0.2084	2.5300e-003	2.2154	8.1000e-004	2.2162	0.2337	7.7000e-004	0.2344		274.7065	274.7065	0.0178		275.1504
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0296	0.7213	0.2795	2.7900e-003	3.5192	1.0000e-003	3.5202	0.3691	9.5000e-004	0.3701		300.6105	300.6105	0.0183		301.0689

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.12 P8 Paving - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0194	0.7158	0.2084	2.5300e-003	0.9876	8.1000e-004	0.9884	0.1110	7.7000e-004	0.1118		274.7065	274.7065	0.0178		275.1504
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0296	0.7213	0.2795	2.7900e-003	1.5648	1.0000e-003	1.5658	0.1739	9.5000e-004	0.1749		300.6105	300.6105	0.0183		301.0689

3.13 P8 Site Preparation (mo. 1) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.0000	0.4465	0.4465	0.0000	0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.13 P8 Site Preparation (mo. 1) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.5000e-004	0.0469		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0206	0.0110	0.1421	5.2000e-004	2.6076	3.9000e-004	2.6080	0.2709	3.5000e-004	0.2713		51.8081	51.8081	1.1600e-003		51.8370
Total	0.0244	0.1542	0.1838	1.0300e-003	3.0507	5.5000e-004	3.0513	0.3177	5.0000e-004	0.3182		106.7493	106.7493	4.7100e-003		106.8671

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.13 P8 Site Preparation (mo. 1) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.5000e-004	0.0224		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0206	0.0110	0.1421	5.2000e-004	1.1545	3.9000e-004	1.1549	0.1258	3.5000e-004	0.1261		51.8081	51.8081	1.1600e-003		51.8370
Total	0.0244	0.1542	0.1838	1.0300e-003	1.3520	5.5000e-004	1.3525	0.1480	5.0000e-004	0.1485		106.7493	106.7493	4.7100e-003		106.8671

3.14 P8 Building Construction 1 (mo. 2-4) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

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3.14 P8 Building Construction 1 (mo. 2-4) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.5000e-004	0.0469		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0206	0.0110	0.1421	5.2000e-004	2.6076	3.9000e-004	2.6080	0.2709	3.5000e-004	0.2713		51.8081	51.8081	1.1600e-003		51.8370
Total	0.0244	0.1542	0.1838	1.0300e-003	3.0507	5.5000e-004	3.0513	0.3177	5.0000e-004	0.3182		106.7493	106.7493	4.7100e-003		106.8671

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

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3.14 P8 Building Construction 1 (mo. 2-4) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.5000e-004	0.0224		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0206	0.0110	0.1421	5.2000e-004	1.1545	3.9000e-004	1.1549	0.1258	3.5000e-004	0.1261		51.8081	51.8081	1.1600e-003		51.8370
Total	0.0244	0.1542	0.1838	1.0300e-003	1.3520	5.5000e-004	1.3525	0.1480	5.0000e-004	0.1485		106.7493	106.7493	4.7100e-003		106.8671

3.15 P8 Architectural Coating - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	19.2666	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

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3.15 P8 Architectural Coating - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.7400e-003	0.2863	0.0834	1.0100e-003	0.8862	3.2000e-004	0.8865	0.0935	3.1000e-004	0.0938		109.8826	109.8826	7.1000e-003		110.0602
Worker	5.1400e-003	2.7500e-003	0.0355	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.9520	12.9520	2.9000e-004		12.9592
Total	0.0129	0.2891	0.1189	1.1400e-003	1.5381	4.2000e-004	1.5385	0.1612	4.0000e-004	0.1616		122.8346	122.8346	7.3900e-003		123.0194

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	18.9249					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	19.0338	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

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3.15 P8 Architectural Coating - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.7400e-003	0.2863	0.0834	1.0100e-003	0.3950	3.2000e-004	0.3954	0.0444	3.1000e-004	0.0447		109.8826	109.8826	7.1000e-003		110.0602
Worker	5.1400e-003	2.7500e-003	0.0355	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.9520	12.9520	2.9000e-004		12.9592
Total	0.0129	0.2891	0.1189	1.1400e-003	0.6837	4.2000e-004	0.6841	0.0759	4.0000e-004	0.0762		122.8346	122.8346	7.3900e-003		123.0194

3.16 P8 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

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3.16 P8 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.5000e-004	0.0469		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0206	0.0110	0.1421	5.2000e-004	2.6076	3.9000e-004	2.6080	0.2709	3.5000e-004	0.2713		51.8081	51.8081	1.1600e-003		51.8370
Total	0.0244	0.1542	0.1838	1.0300e-003	3.0507	5.5000e-004	3.0513	0.3177	5.0000e-004	0.3182		106.7493	106.7493	4.7100e-003		106.8671

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.16 P8 Building Construction 2 (mo. 5) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.5000e-004	0.0224		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0206	0.0110	0.1421	5.2000e-004	1.1545	3.9000e-004	1.1549	0.1258	3.5000e-004	0.1261		51.8081	51.8081	1.1600e-003		51.8370
Total	0.0244	0.1542	0.1838	1.0300e-003	1.3520	5.5000e-004	1.3525	0.1480	5.0000e-004	0.1485		106.7493	106.7493	4.7100e-003		106.8671

3.17 P9 Paving - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.9152	8.5816	14.5780	0.0228		0.4185	0.4185		0.3850	0.3850		2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.17 P9 Paving - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0194	0.7158	0.2084	2.5300e-003	2.2154	8.1000e-004	2.2162	0.2337	7.7000e-004	0.2344		274.7065	274.7065	0.0178		275.1504
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0296	0.7213	0.2795	2.7900e-003	3.5192	1.0000e-003	3.5202	0.3691	9.5000e-004	0.3701		300.6105	300.6105	0.0183		301.0689

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,206.7452	2,206.7452	0.7137		2,224.5878

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.17 P9 Paving - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0194	0.7158	0.2084	2.5300e-003	0.9876	8.1000e-004	0.9884	0.1110	7.7000e-004	0.1118		274.7065	274.7065	0.0178		275.1504
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0296	0.7213	0.2795	2.7900e-003	1.5648	1.0000e-003	1.5658	0.1739	9.5000e-004	0.1749		300.6105	300.6105	0.0183		301.0689

3.18 P9 Site Preparation (mo. 1) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	1.0293	9.9864	9.5658	0.0194		0.4465	0.4465		0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164
Total	1.0293	9.9864	9.5658	0.0194	0.0000	0.4465	0.4465	0.0000	0.4200	0.4200		1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.18 P9 Site Preparation (mo. 1) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.5000e-004	0.0469		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0142	0.1487	0.1127	7.7000e-004	1.7469	3.5000e-004	1.7473	0.1822	3.3000e-004	0.1825		80.8453	80.8453	4.1300e-003		80.9486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.3553	6.7247	11.6866	0.0194		0.0726	0.0726		0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164
Total	0.3553	6.7247	11.6866	0.0194	0.0000	0.0726	0.0726	0.0000	0.0726	0.0726	0.0000	1,841.6106	1,841.6106	0.4082		1,851.8164

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.18 P9 Site Preparation (mo. 1) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.5000e-004	0.0224		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0142	0.1487	0.1127	7.7000e-004	0.7748	3.5000e-004	0.7751	0.0851	3.3000e-004	0.0854		80.8453	80.8453	4.1300e-003		80.9486

3.19 P9 Building Construction 1 (mo. 2-4) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139
Total	0.2291	2.6194	4.5152	6.5700e-003		0.0902	0.0902		0.0830	0.0830		635.7734	635.7734	0.2056		640.9139

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.19 P9 Building Construction 1 (mo. 2-4) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.5000e-004	0.0469		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0142	0.1487	0.1127	7.7000e-004	1.7469	3.5000e-004	1.7473	0.1822	3.3000e-004	0.1825		80.8453	80.8453	4.1300e-003		80.9486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139
Total	0.1472	2.8643	4.9523	6.5700e-003		0.0107	0.0107		0.0107	0.0107	0.0000	635.7734	635.7734	0.2056		640.9139

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3.19 P9 Building Construction 1 (mo. 2-4) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.5000e-004	0.0224		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0142	0.1487	0.1127	7.7000e-004	0.7748	3.5000e-004	0.7751	0.0851	3.3000e-004	0.0854		80.8453	80.8453	4.1300e-003		80.9486

3.20 P9 Architectural Coating - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.6022					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.3417	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637
Total	8.9440	2.2910	3.6183	5.9400e-003		0.1030	0.1030		0.1030	0.1030		562.8961	562.8961	0.0307		563.6637

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3.20 P9 Architectural Coating - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.7400e-003	0.2863	0.0834	1.0100e-003	0.8862	3.2000e-004	0.8865	0.0935	3.1000e-004	0.0938		109.8826	109.8826	7.1000e-003		110.0602
Worker	5.1400e-003	2.7500e-003	0.0355	1.3000e-004	0.6519	1.0000e-004	0.6520	0.0677	9.0000e-005	0.0678		12.9520	12.9520	2.9000e-004		12.9592
Total	0.0129	0.2891	0.1189	1.1400e-003	1.5381	4.2000e-004	1.5385	0.1612	4.0000e-004	0.1616		122.8346	122.8346	7.3900e-003		123.0194

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.6022					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1090	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637
Total	8.7112	2.1197	3.6648	5.9400e-003		7.9200e-003	7.9200e-003		7.9200e-003	7.9200e-003	0.0000	562.8961	562.8961	0.0307		563.6637

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.20 P9 Architectural Coating - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.7400e-003	0.2863	0.0834	1.0100e-003	0.3950	3.2000e-004	0.3954	0.0444	3.1000e-004	0.0447		109.8826	109.8826	7.1000e-003		110.0602
Worker	5.1400e-003	2.7500e-003	0.0355	1.3000e-004	0.2886	1.0000e-004	0.2887	0.0314	9.0000e-005	0.0315		12.9520	12.9520	2.9000e-004		12.9592
Total	0.0129	0.2891	0.1189	1.1400e-003	0.6837	4.2000e-004	0.6841	0.0759	4.0000e-004	0.0762		122.8346	122.8346	7.3900e-003		123.0194

3.21 P9 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550
Total	0.2743	3.2367	5.3523	8.3000e-003		0.0985	0.0985		0.0917	0.0917		785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.21 P9 Building Construction 2 (mo. 5) - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.4431	1.6000e-004	0.4432	0.0467	1.5000e-004	0.0469		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	1.3038	1.9000e-004	1.3040	0.1355	1.8000e-004	0.1356		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0142	0.1487	0.1127	7.7000e-004	1.7469	3.5000e-004	1.7473	0.1822	3.3000e-004	0.1825		80.8453	80.8453	4.1300e-003		80.9486

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550
Total	0.1794	3.8342	5.7491	8.3000e-003		0.1007	0.1007		0.1007	0.1007	0.0000	785.1838	785.1838	0.2429		791.2550

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

3.21 P9 Building Construction 2 (mo. 5) - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	3.8700e-003	0.1432	0.0417	5.1000e-004	0.1975	1.6000e-004	0.1977	0.0222	1.5000e-004	0.0224		54.9413	54.9413	3.5500e-003		55.0301
Worker	0.0103	5.5000e-003	0.0711	2.6000e-004	0.5772	1.9000e-004	0.5774	0.0629	1.8000e-004	0.0631		25.9040	25.9040	5.8000e-004		25.9185
Total	0.0142	0.1487	0.1127	7.7000e-004	0.7748	3.5000e-004	0.7751	0.0851	3.3000e-004	0.0854		80.8453	80.8453	4.1300e-003		80.9486

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5229	5.9277	17.8734	0.0719	7.5643	0.0493	7.6135	2.0209	0.0458	2.0667		7,355.4865	7,355.4865	0.3439		7,364.0850
Unmitigated	1.5229	5.9277	17.8734	0.0719	7.5643	0.0493	7.6135	2.0209	0.0458	2.0667		7,355.4865	7,355.4865	0.3439		7,364.0850

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Single Family Housing	1,250.00	1,250.00	1250.00	3,569,129	3,569,129
Total	1,250.00	1,250.00	1,250.00	3,569,129	3,569,129

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Single Family Housing	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

5.0 Energy Detail

 Historical Energy Use: N

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
NaturalGas Unmitigated	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	9075.34	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Single Family Housing	9.07534	0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321
Total		0.0979	0.8364	0.3559	5.3400e-003		0.0676	0.0676		0.0676	0.0676		1,067.6874	1,067.6874	0.0205	0.0196	1,074.0321

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026
Unmitigated	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.6501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2427	2.0735	0.8824	0.0132		0.1677	0.1677		0.1677	0.1677	0.0000	2,647.0588	2,647.0588	0.0507	0.0485	2,662.7890
Landscaping	0.3093	0.1187	10.3029	5.4000e-004		0.0572	0.0572		0.0572	0.0572		18.5690	18.5690	0.0178		19.0136
Total	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.0401					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	12.6501					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.2427	2.0735	0.8824	0.0132		0.1677	0.1677		0.1677	0.1677	0.0000	2,647.0588	2,647.0588	0.0507	0.0485	2,662.7890
Landscaping	0.3093	0.1187	10.3029	5.4000e-004		0.0572	0.0572		0.0572	0.0572		18.5690	18.5690	0.0178		19.0136
Total	16.2422	2.1922	11.1852	0.0138		0.2248	0.2248		0.2248	0.2248	0.0000	2,665.6279	2,665.6279	0.0685	0.0485	2,681.8026

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste**

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Proctor Valley EIR - PA 16-19 Residential - San Diego County, Summer

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - PA 16-19 Residential
San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
P6 Architectural Coating	0.03	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	0.34	-0.09	-0.09	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	0.33	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	0.65	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	0.03	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	0.34	-0.09	-0.09	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	0.33	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	0.01	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	0.32	-0.09	-0.09	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	0.32	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P8 Paving	0.61	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	0.64	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	0.03	0.07	-0.01	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	0.34	-0.09	-0.09	0.00	0.87	0.86	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	0.33	-0.18	-0.07	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	0.00	0.00
P9 Paving	0.62	-0.16	-0.18	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
P9 Site Preparation (mo. 1)	0.65	0.32	-0.22	0.00	0.84	0.83	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	Tier 4 Interim	8	8	No Change	0.00
Cement and Mortar Mixers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Graders	Diesel	Tier 4 Interim	4	4	No Change	0.00
Pavers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	8	8	No Change	0.00
Pumps	Diesel	Tier 4 Interim	4	4	No Change	0.00
Rollers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rough Terrain Forklifts	Diesel	Tier 4 Interim	8	8	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	12	12	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	4	4	No Change	0.00
Trenchers	Diesel	Tier 4 Interim	4	4	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	2.99000E-002	2.00460E-001	3.16600E-001	5.20000E-004	9.01000E-003	9.01000E-003	0.00000E+000	4.46819E+001	4.46819E+001	2.44000E-003	0.00000E+000	4.47429E+001
Cement and Mortar Mixers	5.05000E-003	3.16600E-002	2.65200E-002	6.00000E-005	1.23000E-003	1.23000E-003	0.00000E+000	3.94118E+000	3.94118E+000	4.10000E-004	0.00000E+000	3.95141E+000
Graders	1.33800E-002	1.48640E-001	6.85500E-002	2.80000E-004	4.78000E-003	4.40000E-003	0.00000E+000	2.49751E+001	2.49751E+001	8.08000E-003	0.00000E+000	2.51770E+001
Pavers	1.47700E-002	1.34560E-001	2.46140E-001	4.00000E-004	6.30000E-003	5.80000E-003	0.00000E+000	3.50849E+001	3.50849E+001	1.13500E-002	0.00000E+000	3.53685E+001
Paving Equipment	1.24800E-002	1.07500E-001	2.16450E-001	3.50000E-004	5.32000E-003	4.89000E-003	0.00000E+000	3.04061E+001	3.04061E+001	9.83000E-003	0.00000E+000	3.06519E+001
Pumps	1.23000E-002	1.04320E-001	1.59760E-001	2.80000E-004	4.34000E-003	4.34000E-003	0.00000E+000	2.43039E+001	2.43039E+001	9.80000E-004	0.00000E+000	2.43285E+001
Rollers	1.16400E-002	1.22660E-001	1.56970E-001	2.20000E-004	6.17000E-003	5.68000E-003	0.00000E+000	1.95909E+001	1.95909E+001	6.34000E-003	0.00000E+000	1.97493E+001
Rough Terrain Forklifts	1.69200E-002	2.24120E-001	3.98830E-001	6.00000E-004	6.29000E-003	5.79000E-003	0.00000E+000	5.28287E+001	5.28287E+001	1.70900E-002	0.00000E+000	5.32559E+001
Skid Steer Loaders	7.65000E-003	1.02180E-001	1.77920E-001	2.70000E-004	3.10000E-003	2.85000E-003	0.00000E+000	2.34610E+001	2.34610E+001	7.59000E-003	0.00000E+000	2.36506E+001
Tractors/Loaders/Backhoes	1.73700E-002	1.75560E-001	2.93200E-001	4.10000E-004	7.11000E-003	6.54000E-003	0.00000E+000	3.60337E+001	3.60337E+001	1.16500E-002	0.00000E+000	3.63250E+001
Trenchers	1.35000E-002	1.26560E-001	1.10450E-001	1.50000E-004	8.43000E-003	7.75000E-003	0.00000E+000	1.27694E+001	1.27694E+001	4.13000E-003	0.00000E+000	1.28726E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	9.53000E-003	1.85470E-001	3.20670E-001	5.20000E-004	6.90000E-004	6.90000E-004	0.00000E+000	4.46819E+001	4.46819E+001	2.44000E-003	0.00000E+000	4.47428E+001
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	6.00000E-005	0.00000E+000	0.00000E+000	0.00000E+000	3.94117E+000	3.94117E+000	4.10000E-004	0.00000E+000	3.95140E+000
Graders	4.65000E-003	7.50100E-002	1.51180E-001	2.80000E-004	4.70000E-004	4.70000E-004	0.00000E+000	2.49750E+001	2.49750E+001	8.08000E-003	0.00000E+000	2.51770E+001
Pavers	4.91000E-003	1.75980E-001	3.02860E-001	4.00000E-004	6.50000E-004	6.50000E-004	0.00000E+000	3.50848E+001	3.50848E+001	1.13500E-002	0.00000E+000	3.53685E+001
Paving Equipment	4.27000E-003	1.53160E-001	2.63590E-001	3.50000E-004	5.70000E-004	5.70000E-004	0.00000E+000	3.04061E+001	3.04061E+001	9.83000E-003	0.00000E+000	3.06519E+001
Pumps	5.19000E-003	1.00880E-001	1.74420E-001	2.80000E-004	3.80000E-004	3.80000E-004	0.00000E+000	2.43039E+001	2.43039E+001	9.80000E-004	0.00000E+000	2.43285E+001
Rollers	5.01000E-003	9.75300E-002	1.68620E-001	2.20000E-004	3.60000E-004	3.60000E-004	0.00000E+000	1.95909E+001	1.95909E+001	6.34000E-003	0.00000E+000	1.97493E+001
Rough Terrain Forklifts	1.35400E-002	2.63450E-001	4.55490E-001	6.00000E-004	9.80000E-004	9.80000E-004	0.00000E+000	5.28287E+001	5.28287E+001	1.70900E-002	0.00000E+000	5.32558E+001
Skid Steer Loaders	6.57000E-003	1.49930E-001	2.02460E-001	2.70000E-004	6.13000E-003	6.13000E-003	0.00000E+000	2.34609E+001	2.34609E+001	7.59000E-003	0.00000E+000	2.36506E+001
Tractors/Loaders/Backhoes	9.16000E-003	1.78130E-001	3.07980E-001	4.10000E-004	6.70000E-004	6.70000E-004	0.00000E+000	3.60337E+001	3.60337E+001	1.16500E-002	0.00000E+000	3.63250E+001
Trenchers	3.25000E-003	6.33000E-002	1.09440E-001	1.50000E-004	2.40000E-004	2.40000E-004	0.00000E+000	1.27694E+001	1.27694E+001	4.13000E-003	0.00000E+000	1.28726E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	6.81271E-001	7.47780E-002	-1.28553E-002	0.00000E+000	9.23418E-001	9.23418E-001	0.00000E+000	1.11902E-006	1.11902E-006	0.00000E+000	0.00000E+000	1.11750E-006
Cement and Mortar Mixers	1.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	1.00000E+000	1.00000E+000	0.00000E+000	2.53731E-006	2.53731E-006	0.00000E+000	0.00000E+000	2.53074E-006
Graders	6.52466E-001	4.95358E-001	-1.20540E+000	0.00000E+000	9.01674E-001	8.93182E-001	0.00000E+000	1.20120E-006	1.20120E-006	0.00000E+000	0.00000E+000	1.19156E-006
Pavers	6.67569E-001	-3.07818E-001	-2.30438E-001	0.00000E+000	8.96825E-001	8.87931E-001	0.00000E+000	1.14009E-006	1.14009E-006	0.00000E+000	0.00000E+000	1.13095E-006
Paving Equipment	6.57853E-001	-4.24744E-001	-2.17787E-001	0.00000E+000	8.92857E-001	8.83436E-001	0.00000E+000	1.31553E-006	1.31553E-006	0.00000E+000	0.00000E+000	1.30497E-006
Pumps	5.78049E-001	3.29755E-002	-9.17626E-002	0.00000E+000	9.12442E-001	9.12442E-001	0.00000E+000	1.23437E-006	1.23437E-006	0.00000E+000	0.00000E+000	1.23312E-006
Rollers	5.69588E-001	2.04875E-001	-7.42180E-002	0.00000E+000	9.41653E-001	9.36620E-001	0.00000E+000	1.02088E-006	1.02088E-006	0.00000E+000	0.00000E+000	1.51904E-006
Rough Terrain Forklifts	1.99764E-001	-1.75486E-001	-1.42066E-001	0.00000E+000	8.44197E-001	8.30743E-001	0.00000E+000	1.13575E-006	1.13575E-006	0.00000E+000	0.00000E+000	1.31441E-006
Skid Steer Loaders	1.41176E-001	-4.67313E-001	-1.37927E-001	0.00000E+000	-9.77419E-001	-1.15088E+000	0.00000E+000	1.27872E-006	1.27872E-006	0.00000E+000	0.00000E+000	1.26846E-006
Tractors/Loaders/Backhoes	4.72654E-001	-1.46389E-002	-5.04093E-002	0.00000E+000	9.05767E-001	8.97554E-001	0.00000E+000	1.11007E-006	1.11007E-006	0.00000E+000	0.00000E+000	1.10117E-006
Trenchers	7.59259E-001	4.99842E-001	9.14441E-003	0.00000E+000	9.71530E-001	9.69032E-001	0.00000E+000	1.56625E-006	1.56625E-006	0.00000E+000	0.00000E+000	7.76842E-007

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input			
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
P6 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P6 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 1 (mo. 2-4)	Roads	0.05	0.01	0.02	0.00	0.56	0.53
P6 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P6 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Paving	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P6 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P6 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P7 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.53
P7 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 1 (mo. 2-4)	Roads	0.05	0.01	0.02	0.00	0.56	0.53
P7 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P7 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Paving	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P7 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P7 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.55	0.53
P8 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52

P8 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 1 (mo. 2-4)	Roads	0.09	0.01	0.04	0.00	0.56	0.53
P8 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Building Construction 2 (mo. 5)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P8 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Paving	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P8 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P8 Site Preparation (mo. 1)	Roads	0.03	0.00	0.01	0.00	0.56	0.53
P9 Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Architectural Coating	Roads	0.03	0.00	0.01	0.00	0.55	0.52
P9 Building Construction 1 (mo. 2-4)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 1 (mo. 2-4)	Roads	0.05	0.01	0.02	0.00	0.56	0.53
P9 Building Construction 2 (mo. 5)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Building Construction 2 (mo. 5)	Roads	0.02	0.00	0.01	0.00	0.56	0.53
P9 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Paving	Roads	0.03	0.00	0.02	0.00	0.55	0.53
P9 Site Preparation (mo. 1)	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
P9 Site Preparation (mo. 1)	Roads	0.02	0.00	0.01	0.00	0.56	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	-0.01	0.13		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			

No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		
No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		

No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
Yes	Use Low VOC Paint (Residential Interior)	150.00
Yes	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	0.00
No	% Electric Leafblower	0.00
No	% Electric Chainsaw	0.00

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water	0.00	0.00
No	Use Grey Water	0.00	
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction	0.00	
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape	0.00	0.00

Solid Waste Mitigation

Mitigation Measures	Input Value
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Institute Recycling and Composting Services Percent Reduction in Waste Disposed	75.00
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CalEEMod Input Matrix
Project Characteristics

Table 1: Project Detail

Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - PA 16-19 Residential (P6-9)	--	--
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Oct-23	PA 16 -19 Schedule	Proctor Valley EIR Assumptions
Operational Year	2028	PA 16 -19 Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	427.49	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
P6 Site Preperation (mo. 1)	Site Preparation	1-Apr-26	30-Apr-26	5 days/week	22
P6 Building Construction 1 (mo. 2-4)	Building Construction	1-May-26	31-Jul-26	5 days/week	66
P6 Building Construction 2 (mo. 5)	Building Construction	1-Aug-26	31-Aug-26	5 days/week	21
P6 Paving	Paving	1-Aug-26	31-Aug-26	5 days/week	21
P6 Architectural Coating	Architectural Coating	1-Jun-26	31-Jul-26	5 days/week	45
P7 Site Preperation (mo. 1)	Site Preparation	1-Sep-26	30-Sep-26	5 days/week	22
P7 Building Construction 1 (mo. 2-4)	Building Construction	1-Oct-26	31-Dec-26	5 days/week	66
P7 Building Construction 2 (mo. 5)	Building Construction	1-Jan-27	31-Jan-27	5 days/week	21
P7 Paving	Paving	1-Aug-26	31-Aug-26	5 days/week	21
P7 Architectural Coating	Architectural Coating	1-Nov-26	31-Dec-26	5 days/week	44
P8 Site Preperation (mo. 1)	Site Preparation	1-Feb-27	28-Feb-27	5 days/week	20
P8 Building Construction 1 (mo. 2-4)	Building Construction	1-Mar-27	31-May-27	5 days/week	66
P8 Building Construction 2 (mo. 5)	Building Construction	1-Jun-27	30-Jun-27	5 days/week	22
P8 Paving	Paving	1-Jan-27	31-Jan-27	5 days/week	21
P8 Architectural Coating	Architectural Coating	1-Apr-27	31-May-27	5 days/week	43
P9 Site Preperation (mo. 1)	Site Preparation	1-Jul-27	31-Jul-27	5 days/week	22
P9 Building Construction 1 (mo. 2-4)	Building Construction	1-Aug-27	31-Oct-27	5 days/week	65
P9 Building Construction 2 (mo. 5)	Building Construction	1-Nov-27	30-Nov-27	5 days/week	22
P9 Paving	Paving	1-Jun-27	30-Jun-27	5 days/week	22
P9 Architectural Coating	Architectural Coating	1-Sep-27	31-Oct-27	5 days/week	43

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment

Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor			
All Phases Site Preparation (mo. 1)	Grader	1		default				
	Skid Steer	1						
	Trencher	1						
	Pump	1						
	Cement Mixer	1						
All Phases Building Construction 1 (mo. 2-4)	Rough Terrain Forklift	1						
	Backhoe	1						
All Phases Building Construction 2 (mo. 5)	Rough Terrain Forklift	1						
	Skid Steer	2						
	Cement Mixer	1						
All Phases Paving	default							
All Phases Architectural Coatin	Air Compressor	2						

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement

Phase Name	Material Imported	Material Exported	Material Import/Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
Site Prep	default				--	default	
Grading	default	--		default	153.2	default	

Table 8: Demolition

Phase Name	Size Metric	Unit Amount
default		

CalEEMod Input Sheet

Construction Phase

Table 9: Construction Trips and VMT

Phase Name	# Trips Worker (/day)	# Trips Vendor (/day)	Total # Trips Hauling	Trip Length Worker (miles)	Trip Length Worker (miles)	Trip Length Hauling (miles)	Vehicle Class Worker	Vehicle Class Vendor	Vehicle Class Hauling
All Phases Site Preparation (mo. 1)	Refer to Construction VMT worksheet								
All Phases Building Construction 1 (mo. 2-4)									
All Phases Building Construction 2 (mo. 5)									
All Phases Paving									
All Phases Architectural Coating									

CalEEMod Input Sheet
Construction Phase

Table 10: On-Road Fugitive Dust

Phase Name	% Pave Worker	% Pave Vendor	% Pave Hauling	Road Silt Loading (g/m2)	Material Silt Content (%)	Material Moisture Content (%)	Average Vehicle Weight (tons)	Mean Vehicle Speed (mph)
All Phases Site Preparation (mo. 1)	default							
All Phases Building Construction 1 (mo. 2-4)								
All Phases Building Construction 2 (mo. 5)								
All Phases Paving								
All Phases Architectural Coating								

Table 11: Architectural Coating

Phase Name	Residential Interior VOC (g/L)	Residential Interior Area (sqft)	Residential Exterior VOC (g/L)	Residential Exterior Area (sqft)	Non-Residential Interior VOC (g/L)	Non-Residential Interior Area (sqft)	Non-Residential Exterior VOC (g/L)	Non-Residential Exterior Area (sqft)	VOC for Parking Lot Paint (g/L)	Parking Area (sqft)
P6 Architectural Coating	50	86,190	100	28,730	N/A	0	N/A	0	N/A	default
P7 Architectural Coating	50	86,190	100	28,730	N/A	0	N/A	0	N/A	
P8 Architectural Coating	50	210,685	100	70,228	N/A	0	N/A	0	N/A	
P9 Architectural Coating	50	95,766	100	31,922	N/A	0	N/A	0	N/A	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley EIR - Offsite - San Diego County, Winter

Proctor Valley EIR - Offsite
San Diego County, Winter**1.0 Project Characteristics**

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	48.20	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Proctor Valley EIR - Offsite - San Diego County, Winter

Project Characteristics -

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

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Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 6

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 7

Grading - Refer to CalEEMod Input Matrix Table 7

Construction Off-road Equipment Mitigation -

Proctor Valley EIR - Offsite - San Diego County, Winter

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	250	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	25.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	38.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	75.00	21.00
tblConstructionPhase	NumDays	75.00	35.00
tblConstructionPhase	NumDays	75.00	43.00
tblConstructionPhase	NumDays	75.00	23.00
tblConstructionPhase	NumDays	55.00	22.00

Proctor Valley EIR - Offsite - San Diego County, Winter

tblConstructionPhase	NumDays	55.00	21.00
tblConstructionPhase	NumDays	55.00	43.00
tblConstructionPhase	NumDays	55.00	22.00
tblConstructionPhase	NumDays	30.00	23.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	131.00
tblConstructionPhase	NumDays	30.00	42.00
tblConstructionPhase	NumDays	30.00	66.00
tblConstructionPhase	NumDays	30.00	44.00
tblConstructionPhase	NumDays	30.00	131.00
tblConstructionPhase	NumDays	30.00	109.00
tblConstructionPhase	NumDays	30.00	21.00
tblConstructionPhase	NumDays	30.00	129.00
tblGrading	AcresOfGrading	10.50	52.50
tblGrading	AcresOfGrading	11.50	57.50
tblLandUse	LotAcreage	0.00	48.20
tblLandUse	Population	3.00	0.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	247.00
tblOffRoadEquipment	LoadFactor	0.37	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		SCV Landscaping
tblOffRoadEquipment	PhaseName		CV Landscaping

Proctor Valley EIR - Offsite - San Diego County, Winter

[illegible]

Proctor Valley EIR - Offsite - San Diego County, Winter

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

Proctor Valley EIR - Offsite - San Diego County, Winter

tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00

2.0 Emissions Summary

Proctor Valley EIR - Offsite - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.3986	46.0998	22.4974	0.0399	22.2120	2.3945	24.6064	10.3628	2.2030	12.5658	0.0000	3,963.544 4	3,963.544 4	1.2040	0.0000	3,993.645 0
2020	4.1337	42.8958	21.9084	0.0399	22.2120	2.2002	24.4122	10.3628	2.0243	12.3871	0.0000	3,878.799 7	3,878.799 7	1.2034	0.0000	3,908.885 6
2021	7.8803	81.8571	43.0383	0.0797	44.4239	2.0459	48.5157	20.7256	1.8823	24.4901	0.0000	7,751.278 7	7,751.278 7	2.4061	0.0000	7,811.4315
2022	4.0633	42.7216	33.2151	0.0668	24.9862	1.6362	26.8620	10.3628	1.5053	11.8476	0.0000	6,499.102 2	6,499.102 2	2.0071	0.0000	6,549.279 1
2023	2.1677	21.9253	30.0058	0.0518	9.6460	0.5116	10.6692	1.0092	0.4707	1.9505	0.0000	5,076.650 3	5,076.650 3	1.4699	0.0000	5,113.3969
Maximum	7.8803	81.8571	43.0383	0.0797	44.4239	2.3945	48.5157	20.7256	2.2030	24.4901	0.0000	7,751.278 7	7,751.278 7	2.4061	0.0000	7,811.431 5

Proctor Valley EIR - Offsite - San Diego County, Winter

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.7277	12.4926	23.4023	0.0399	8.8840	0.0360	8.9199	4.0746	0.0383	4.1129	0.0000	3,963.544 4	3,963.544 4	1.2040	0.0000	3,993.645 0
2020	0.7260	12.4903	23.3673	0.0399	8.8840	0.0393	8.9233	4.0746	0.0413	4.1159	0.0000	3,878.799 7	3,878.799 7	1.2034	0.0000	3,908.885 6
2021	1.4503	24.9704	46.6826	0.0797	17.7679	0.0961	17.8523	8.1492	0.0961	8.2369	0.0000	7,751.278 7	7,751.278 7	2.4061	0.0000	7,811.4315
2022	1.2383	22.7544	41.1264	0.0668	10.1528	0.1331	10.3195	4.0746	0.1303	4.1223	0.0000	6,499.102 2	6,499.102 2	2.0071	0.0000	6,549.279 1
2023	0.7704	21.6209	35.4287	0.0518	4.2841	0.0388	4.3617	0.4736	0.0387	0.5510	0.0000	5,076.650 3	5,076.650 3	1.4699	0.0000	5,113.3969
Maximum	1.4503	24.9704	46.6826	0.0797	17.7679	0.1331	17.8523	8.1492	0.1303	8.2369	0.0000	7,751.278 7	7,751.278 7	2.4061	0.0000	7,811.431 5

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	78.30	59.95	-12.84	0.00	59.53	96.09	62.70	60.54	95.74	66.57	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - Offsite - San Diego County, Winter

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5329	0.0308	1.9718	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	1.5329	0.0308	1.9718	3.4300e-003	0.0000	0.2653	0.2653	0.0000	0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5329	0.0308	1.9718	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	1.5329	0.0308	1.9718	3.4300e-003	0.0000	0.2653	0.2653	0.0000	0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

Proctor Valley EIR - Offsite - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	SV Site Prep	Site Preparation	7/1/2019	7/31/2019	5	23	
2	SV Grading	Grading	4/30/2022	6/29/2022	5	43	
3	SV Utilities	Site Preparation	8/1/2019	1/30/2020	5	131	
4	SV Paving	Paving	10/19/2022	12/16/2022	5	43	
5	SV Landscaping	Site Preparation	1/31/2020	7/1/2020	5	109	
6	SCV Site Prep	Site Preparation	7/2/2020	7/30/2020	5	21	
7	SCV Grading	Grading	6/30/2022	8/1/2022	5	23	
8	SCV Utilities	Site Preparation	7/31/2020	1/27/2021	5	129	
9	SCV Paving	Paving	12/17/2022	1/17/2023	5	22	
10	SCV Landscaping	Site Preparation	1/28/2021	2/26/2021	5	22	
11	CV Site Prep	Site Preparation	2/27/2021	3/30/2021	5	22	
12	CV Utilities	Site Preparation	3/31/2021	9/29/2021	5	131	
13	CV Grading	Grading	8/2/2022	8/30/2022	5	21	
14	CV Paving	Paving	1/18/2023	2/16/2023	5	22	
15	CV Landscaping	Site Preparation	9/30/2021	11/26/2021	5	42	
16	NV Grading	Grading	8/31/2022	10/18/2022	5	35	
17	NV Utilities	Site Preparation	11/27/2021	2/28/2022	5	66	
18	NV Paving	Paving	2/17/2023	3/17/2023	5	21	
19	NV Landscaping	Site Preparation	3/1/2022	4/29/2022	5	44	

Proctor Valley EIR - Offsite - San Diego County, Winter

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
SV Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
SV Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SV Grading	Excavators	2	8.00	158	0.38
SV Grading	Graders	1	8.00	187	0.41
SV Grading	Rubber Tired Dozers	1	8.00	247	0.40
SV Grading	Scrapers	2	8.00	367	0.48
SV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
SV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
SV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SV Paving	Pavers	2	8.00	130	0.42
SV Paving	Paving Equipment	2	8.00	132	0.36
SV Paving	Rollers	2	8.00	80	0.38
SV Landscaping	Skid Steer Loaders	2	8.00	247	0.40
SCV Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
SCV Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SCV Grading	Excavators	2	8.00	158	0.38
SCV Grading	Graders	1	8.00	187	0.41
SCV Grading	Rubber Tired Dozers	1	8.00	247	0.40

Proctor Valley EIR - Offsite - San Diego County, Winter

SCV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
SCV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
SCV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SCV Paving	Pavers	2	8.00	130	0.42
SCV Paving	Paving Equipment	2	8.00	132	0.36
SCV Paving	Rollers	2	8.00	80	0.38
SCV Landscaping	Skid Steer Loaders	2	8.00	97	0.37
CV Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
CV Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
CV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
CV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
CV Grading	Excavators	2	8.00	158	0.38
CV Grading	Graders	1	8.00	187	0.41
CV Grading	Rubber Tired Dozers	1	8.00	247	0.40
CV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
CV Paving	Pavers	2	8.00	130	0.42
CV Paving	Paving Equipment	2	8.00	132	0.36
CV Paving	Rollers	2	8.00	80	0.38
CV Landscaping	Skid Steer Loaders	2	8.00	65	0.37
NV Grading	Excavators	2	8.00	158	0.38
NV Grading	Graders	1	8.00	187	0.41
NV Grading	Rubber Tired Dozers	1	8.00	247	0.40
NV Grading	Scrapers	2	8.00	367	0.48
NV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
NV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
NV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
NV Paving	Pavers	2	8.00	130	0.42

Proctor Valley EIR - Offsite - San Diego County, Winter

NV Paving	Paving Equipment	2	8.00	132	0.36
NV Paving	Rollers	2	8.00	80	0.38
NV Landscaping	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
SV Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Grading	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Grading	6	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Grading	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

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3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 SV Site Prep - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298		3,766.4529	3,766.4529	1.1917		3,796.2445

Proctor Valley EIR - Offsite - San Diego County, Winter

3.2 SV Site Prep - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		81.6914	81.6914	2.6400e-003		81.7573
Total	0.0636	0.5271	0.4344	1.9000e-003	4.1457	4.1000e-003	4.1498	0.4321	3.9000e-003	0.4360		197.0915	197.0915	0.0124		197.4005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6641	11.9655	22.9679	0.0380		0.0319	0.0319		0.0344	0.0344	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	0.6641	11.9655	22.9679	0.0380	7.0458	0.0319	7.0777	3.8730	0.0344	3.9074	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445

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3.2 SV Site Prep - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.3950	3.5100e-003	0.3986	0.0444	3.3600e-003	0.0478		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	1.4431	5.9000e-004	1.4437	0.1572	5.4000e-004	0.1577		81.6914	81.6914	2.6400e-003		81.7573
Total	0.0636	0.5271	0.4344	1.9000e-003	1.8381	4.1000e-003	1.8422	0.2016	3.9000e-003	0.2055		197.0915	197.0915	0.0124		197.4005

3.3 SV Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006		6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR - Offsite - San Diego County, Winter

3.3 SV Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0490	0.4066	0.3408	1.7800e-003	4.1457	1.3300e-003	4.1470	0.4321	1.2400e-003	0.4334		186.0936	186.0936	0.0106		186.3579

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0710	18.9887	36.4016	0.0621		0.1318	0.1318		0.1290	0.1290	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	1.0710	18.9887	36.4016	0.0621	3.3826	0.1318	3.5144	1.4026	0.1290	1.5317	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR - Offsite - San Diego County, Winter

3.3 SV Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0490	0.4066	0.3408	1.7800e-003	1.8381	1.3300e-003	1.8394	0.2016	1.2400e-003	0.2029		186.0936	186.0936	0.0106		186.3579

3.4 SV Utilities - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298		3,766.4529	3,766.4529	1.1917		3,796.2445

Proctor Valley EIR - Offsite - San Diego County, Winter

3.4 SV Utilities - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.8862	3.5100e-003	0.8897	0.0935	3.3600e-003	0.0968		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		81.6914	81.6914	2.6400e-003		81.7573
Total	0.0636	0.5271	0.4344	1.9000e-003	4.1457	4.1000e-003	4.1498	0.4321	3.9000e-003	0.4360		197.0915	197.0915	0.0124		197.4005

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6641	11.9655	22.9679	0.0380		0.0319	0.0319		0.0344	0.0344	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	0.6641	11.9655	22.9679	0.0380	7.0458	0.0319	7.0777	3.8730	0.0344	3.9074	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445

Proctor Valley EIR - Offsite - San Diego County, Winter

3.4 SV Utilities - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0192	0.4964	0.1420	1.0800e-003	0.3950	3.5100e-003	0.3986	0.0444	3.3600e-003	0.0478		115.4001	115.4001	9.7200e-003		115.6432
Worker	0.0444	0.0308	0.2924	8.2000e-004	1.4431	5.9000e-004	1.4437	0.1572	5.4000e-004	0.1577		81.6914	81.6914	2.6400e-003		81.7573
Total	0.0636	0.5271	0.4344	1.9000e-003	1.8381	4.1000e-003	1.8422	0.2016	3.9000e-003	0.2055		197.0915	197.0915	0.0124		197.4005

3.4 SV Utilities - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Winter

3.4 SV Utilities - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		79.1132	79.1132	2.3800e-003		79.1727
Total	0.0572	0.4784	0.3948	1.8600e-003	4.1457	2.8300e-003	4.1485	0.4321	2.6800e-003	0.4348		193.6981	193.6981	0.0116		193.9881

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6688	12.0119	22.9725	0.0380		0.0365	0.0365		0.0386	0.0386	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	0.6688	12.0119	22.9725	0.0380	7.0458	0.0365	7.0823	3.8730	0.0386	3.9116	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Winter

3.4 SV Utilities - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	1.4431	5.8000e-004	1.4437	0.1572	5.3000e-004	0.1577		79.1132	79.1132	2.3800e-003		79.1727
Total	0.0572	0.4784	0.3948	1.8600e-003	1.8381	2.8300e-003	1.8409	0.2016	2.6800e-003	0.2043		193.6981	193.6981	0.0116		193.9881

3.5 SV Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Offsite - San Diego County, Winter

3.5 SV Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0594	0.9775	0.4587	3.2000e-003	4.8230	2.3600e-003	4.8254	0.5046	2.2400e-003	0.5068		340.0247	340.0247	0.0230		340.6000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Offsite - San Diego County, Winter

3.5 SV Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	0.9876	1.9200e-003	0.9895	0.1110	1.8300e-003	0.1129		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0594	0.9775	0.4587	3.2000e-003	2.1421	2.3600e-003	2.1444	0.2368	2.2400e-003	0.2390		340.0247	340.0247	0.0230		340.6000

3.6 SV Landscaping - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Proctor Valley EIR - Offsite - San Diego County, Winter

3.6 SV Landscaping - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		31.6453	31.6453	9.5000e-004		31.6691
Total	0.0323	0.4618	0.2344	1.3900e-003	2.1900	2.4800e-003	2.1925	0.2289	2.3600e-003	0.2313		146.2302	146.2302	0.0102		146.4845

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Proctor Valley EIR - Offsite - San Diego County, Winter

3.6 SV Landscaping - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		31.6453	31.6453	9.5000e-004		31.6691
Total	0.0323	0.4618	0.2344	1.3900e-003	0.9723	2.4800e-003	0.9747	0.1073	2.3600e-003	0.1097		146.2302	146.2302	0.0102		146.4845

3.7 SCV Site Prep - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Winter

3.7 SCV Site Prep - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		79.1132	79.1132	2.3800e-003		79.1727
Total	0.0572	0.4784	0.3948	1.8600e-003	4.1457	2.8300e-003	4.1485	0.4321	2.6800e-003	0.4348		193.6981	193.6981	0.0116		193.9881

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6688	12.0119	22.9725	0.0380		0.0365	0.0365		0.0386	0.0386	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	0.6688	12.0119	22.9725	0.0380	7.0458	0.0365	7.0823	3.8730	0.0386	3.9116	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Winter

3.7 SCV Site Prep - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	1.4431	5.8000e-004	1.4437	0.1572	5.3000e-004	0.1577		79.1132	79.1132	2.3800e-003		79.1727
Total	0.0572	0.4784	0.3948	1.8600e-003	1.8381	2.8300e-003	1.8409	0.2016	2.6800e-003	0.2043		193.6981	193.6981	0.0116		193.9881

3.8 SCV Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	1.9864	20.9565	16.2899	0.0317		0.9366	0.9366		0.8617	0.8617		3,070.8227	3,070.8227	0.9932		3,095.6519
Total	1.9864	20.9565	16.2899	0.0317	8.6733	0.9366	9.6100	3.5965	0.8617	4.4582		3,070.8227	3,070.8227	0.9932		3,095.6519

Proctor Valley EIR - Offsite - San Diego County, Winter

3.8 SCV Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0490	0.4066	0.3408	1.7800e-003	4.1457	1.3300e-003	4.1470	0.4321	1.2400e-003	0.4334		186.0936	186.0936	0.0106		186.3579

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	0.5738	10.9729	20.2455	0.0317		0.0821	0.0821		0.0793	0.0793	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519
Total	0.5738	10.9729	20.2455	0.0317	3.3826	0.0821	3.4647	1.4026	0.0793	1.4820	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519

Proctor Valley EIR - Offsite - San Diego County, Winter

3.8 SCV Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0490	0.4066	0.3408	1.7800e-003	1.8381	1.3300e-003	1.8394	0.2016	1.2400e-003	0.2029		186.0936	186.0936	0.0106		186.3579

3.9 SCV Utilities - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Winter

3.9 SCV Utilities - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.8862	2.2500e-003	0.8884	0.0935	2.1500e-003	0.0956		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		79.1132	79.1132	2.3800e-003		79.1727
Total	0.0572	0.4784	0.3948	1.8600e-003	4.1457	2.8300e-003	4.1485	0.4321	2.6800e-003	0.4348		193.6981	193.6981	0.0116		193.9881

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6688	12.0119	22.9725	0.0380		0.0365	0.0365		0.0386	0.0386	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	0.6688	12.0119	22.9725	0.0380	7.0458	0.0365	7.0823	3.8730	0.0386	3.9116	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Winter

3.9 SCV Utilities - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.3950	2.2500e-003	0.3973	0.0444	2.1500e-003	0.0466		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0416	0.0278	0.2673	7.9000e-004	1.4431	5.8000e-004	1.4437	0.1572	5.3000e-004	0.1577		79.1132	79.1132	2.3800e-003		79.1727
Total	0.0572	0.4784	0.3948	1.8600e-003	1.8381	2.8300e-003	1.8409	0.2016	2.6800e-003	0.2043		193.6981	193.6981	0.0116		193.9881

3.9 SCV Utilities - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Winter

3.9 SCV Utilities - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0520	0.4315	0.3649	1.8300e-003	4.1457	1.4600e-003	4.1472	0.4321	1.3700e-003	0.4335		189.9825	189.9825	0.0110		190.2585

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6732	12.0538	22.9764	0.0380		0.0407	0.0407		0.0425	0.0425	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6732	12.0538	22.9764	0.0380	7.0458	0.0407	7.0866	3.8730	0.0425	3.9155	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Winter

3.9 SCV Utilities - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0520	0.4315	0.3649	1.8300e-003	1.8381	1.4600e-003	1.8396	0.2016	1.3700e-003	0.2030		189.9825	189.9825	0.0110		190.2585

3.10 SCV Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Offsite - San Diego County, Winter

3.10 SCV Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	2.2154	1.9200e-003	2.2173	0.2337	1.8300e-003	0.2355		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0594	0.9775	0.4587	3.2000e-003	4.8230	2.3600e-003	4.8254	0.5046	2.2400e-003	0.5068		340.0247	340.0247	0.0230		340.6000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Offsite - San Diego County, Winter

3.10 SCV Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0297	0.9591	0.2736	2.6100e-003	0.9876	1.9200e-003	0.9895	0.1110	1.8300e-003	0.1129		281.1026	281.1026	0.0214		281.6377
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0594	0.9775	0.4587	3.2000e-003	2.1421	2.3600e-003	2.1444	0.2368	2.2400e-003	0.2390		340.0247	340.0247	0.0230		340.6000

3.10 SCV Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Winter

3.10 SCV Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	4.8230	1.3800e-003	4.8244	0.5046	1.3000e-003	0.5059		330.7410	330.7410	0.0210		331.2649

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Winter

3.10 SCV Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	2.1421	1.3800e-003	2.1434	0.2368	1.3000e-003	0.2381		330.7410	330.7410	0.0210		331.2649

3.11 SCV Landscaping - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2253	2.9952	4.1485	6.1700e-003		0.1219	0.1219		0.1121	0.1121		597.5151	597.5151	0.1933		602.3464
Total	0.2253	2.9952	4.1485	6.1700e-003	0.0000	0.1219	0.1219	0.0000	0.1121	0.1121		597.5151	597.5151	0.1933		602.3464

Proctor Valley EIR - Offsite - San Diego County, Winter

3.11 SCV Landscaping - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	2.1900	1.1200e-003	2.1911	0.2289	1.0600e-003	0.2300		144.1096	144.1096	9.7200e-003		144.3527

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1393	2.7092	4.6841	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.5151	597.5151	0.1933		602.3464
Total	0.1393	2.7092	4.6841	6.1700e-003	0.0000	0.0101	0.0101	0.0000	0.0101	0.0101	0.0000	597.5151	597.5151	0.1933		602.3464

Proctor Valley EIR - Offsite - San Diego County, Winter

3.11 SCV Landscaping - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	0.9723	1.1200e-003	0.9734	0.1073	1.0600e-003	0.1084		144.1096	144.1096	9.7200e-003		144.3527

3.12 CV Site Prep - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Winter

3.12 CV Site Prep - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0520	0.4315	0.3649	1.8300e-003	4.1457	1.4600e-003	4.1472	0.4321	1.3700e-003	0.4335		189.9825	189.9825	0.0110		190.2585

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6732	12.0538	22.9764	0.0380		0.0407	0.0407		0.0425	0.0425	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6732	12.0538	22.9764	0.0380	7.0458	0.0407	7.0866	3.8730	0.0425	3.9155	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Winter

3.12 CV Site Prep - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0520	0.4315	0.3649	1.8300e-003	1.8381	1.4600e-003	1.8396	0.2016	1.3700e-003	0.2030		189.9825	189.9825	0.0110		190.2585

3.13 CV Utilities - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Winter

3.13 CV Utilities - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0520	0.4315	0.3649	1.8300e-003	4.1457	1.4600e-003	4.1472	0.4321	1.3700e-003	0.4335		189.9825	189.9825	0.0110		190.2585

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6732	12.0538	22.9764	0.0380		0.0407	0.0407		0.0425	0.0425	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6732	12.0538	22.9764	0.0380	7.0458	0.0407	7.0866	3.8730	0.0425	3.9155	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Winter

3.13 CV Utilities - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0520	0.4315	0.3649	1.8300e-003	1.8381	1.4600e-003	1.8396	0.2016	1.3700e-003	0.2030		189.9825	189.9825	0.0110		190.2585

3.14 CV Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	1.9864	20.9565	16.2899	0.0317		0.9366	0.9366		0.8617	0.8617		3,070.8227	3,070.8227	0.9932		3,095.6519
Total	1.9864	20.9565	16.2899	0.0317	8.6733	0.9366	9.6100	3.5965	0.8617	4.4582		3,070.8227	3,070.8227	0.9932		3,095.6519

Proctor Valley EIR - Offsite - San Diego County, Winter

3.14 CV Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0416	0.4020	0.2945	1.6300e-003	3.4938	1.2100e-003	3.4950	0.3644	1.1400e-003	0.3655		171.3631	171.3631	0.0102		171.6174

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	0.5738	10.9729	20.2455	0.0317		0.0821	0.0821		0.0793	0.0793	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519
Total	0.5738	10.9729	20.2455	0.0317	3.3826	0.0821	3.4647	1.4026	0.0793	1.4820	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519

Proctor Valley EIR - Offsite - San Diego County, Winter

3.14 CV Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0297	0.0184	0.1851	5.9000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		58.9221	58.9221	1.6100e-003		58.9623
Total	0.0416	0.4020	0.2945	1.6300e-003	1.5495	1.2100e-003	1.5507	0.1702	1.1400e-003	0.1713		171.3631	171.3631	0.0102		171.6174

3.15 CV Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Winter

3.15 CV Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	4.8230	1.3800e-003	4.8244	0.5046	1.3000e-003	0.5059		330.7410	330.7410	0.0210		331.2649

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Winter

3.15 CV Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	2.1421	1.3800e-003	2.1434	0.2368	1.3000e-003	0.2381		330.7410	330.7410	0.0210		331.2649

3.16 CV Landscaping - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	0.1510	2.0071	2.7799	4.1400e-003	0.0000	0.0817	0.0817	0.0000	0.0751	0.0751		400.3967	400.3967	0.1295		403.6342

Proctor Valley EIR - Offsite - San Diego County, Winter

3.16 CV Landscaping - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	2.1900	1.1200e-003	2.1911	0.2289	1.0600e-003	0.2300		144.1096	144.1096	9.7200e-003		144.3527

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.3967	400.3967	0.1295		403.6342
Total	0.1018	2.3245	3.1389	4.1400e-003	0.0000	0.0950	0.0950	0.0000	0.0950	0.0950	0.0000	400.3967	400.3967	0.1295		403.6342

Proctor Valley EIR - Offsite - San Diego County, Winter

3.16 CV Landscaping - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0157	0.0101	0.0997	3.1000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		30.5819	30.5819	8.8000e-004		30.6039
Total	0.0284	0.4163	0.2153	1.3700e-003	0.9723	1.1200e-003	0.9734	0.1073	1.0600e-003	0.1084		144.1096	144.1096	9.7200e-003		144.3527

3.17 NV Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006		6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR - Offsite - San Diego County, Winter

3.17 NV Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0490	0.4066	0.3408	1.7800e-003	4.1457	1.3300e-003	4.1470	0.4321	1.2400e-003	0.4334		186.0936	186.0936	0.0106		186.3579

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0710	18.9887	36.4016	0.0621		0.1318	0.1318		0.1290	0.1290	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	1.0710	18.9887	36.4016	0.0621	3.3826	0.1318	3.5144	1.4026	0.1290	1.5317	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR - Offsite - San Diego County, Winter

3.17 NV Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0490	0.4066	0.3408	1.7800e-003	1.8381	1.3300e-003	1.8394	0.2016	1.2400e-003	0.2029		186.0936	186.0936	0.0106		186.3579

3.18 NV Utilities - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Winter

3.18 NV Utilities - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.8862	8.9000e-004	0.8870	0.0935	8.5000e-004	0.0943		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0520	0.4315	0.3649	1.8300e-003	4.1457	1.4600e-003	4.1472	0.4321	1.3700e-003	0.4335		189.9825	189.9825	0.0110		190.2585

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6732	12.0538	22.9764	0.0380		0.0407	0.0407		0.0425	0.0425	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6732	12.0538	22.9764	0.0380	7.0458	0.0407	7.0866	3.8730	0.0425	3.9155	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Winter

3.18 NV Utilities - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.4062	0.1156	1.0600e-003	0.3950	8.9000e-004	0.3959	0.0444	8.5000e-004	0.0453		113.5277	113.5277	8.8400e-003		113.7488
Worker	0.0392	0.0252	0.2493	7.7000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		76.4548	76.4548	2.2000e-003		76.5097
Total	0.0520	0.4315	0.3649	1.8300e-003	1.8381	1.4600e-003	1.8396	0.2016	1.3700e-003	0.2030		189.9825	189.9825	0.0110		190.2585

3.18 NV Utilities - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

Proctor Valley EIR - Offsite - San Diego County, Winter

3.18 NV Utilities - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0490	0.4066	0.3408	1.7800e-003	4.1457	1.3300e-003	4.1470	0.4321	1.2400e-003	0.4334		186.0936	186.0936	0.0106		186.3579

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6777	12.0978	22.9809	0.0380		0.0451	0.0451		0.0465	0.0465	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	0.6777	12.0978	22.9809	0.0380	7.0458	0.0451	7.0909	3.8730	0.0465	3.9195	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Proctor Valley EIR - Offsite - San Diego County, Winter

3.18 NV Utilities - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0372	0.0230	0.2314	7.4000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		73.6526	73.6526	2.0100e-003		73.7028
Total	0.0490	0.4066	0.3408	1.7800e-003	1.8381	1.3300e-003	1.8394	0.2016	1.2400e-003	0.2029		186.0936	186.0936	0.0106		186.3579

3.19 NV Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Winter

3.19 NV Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	2.2154	9.4000e-004	2.2163	0.2337	9.0000e-004	0.2346		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	4.8230	1.3800e-003	4.8244	0.5046	1.3000e-003	0.5059		330.7410	330.7410	0.0210		331.2649

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Winter

3.19 NV Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.9876	9.4000e-004	0.9885	0.1110	9.0000e-004	0.1119		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	2.1421	1.3800e-003	2.1434	0.2368	1.3000e-003	0.2381		330.7410	330.7410	0.0210		331.2649

3.20 NV Landscaping - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635		400.7825	400.7825	0.1296		404.0230
Total	0.1392	1.8572	2.7744	4.1400e-003	0.0000	0.0690	0.0690	0.0000	0.0635	0.0635		400.7825	400.7825	0.1296		404.0230

Proctor Valley EIR - Offsite - San Diego County, Winter

3.20 NV Landscaping - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.8862	7.7000e-004	0.8869	0.0935	7.3000e-004	0.0942		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	2.1900	9.9000e-004	2.1910	0.2289	9.3000e-004	0.2299		141.9021	141.9021	9.3600e-003		142.1362

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.7825	400.7825	0.1296		404.0230
Total	0.1018	2.3245	3.1389	4.1400e-003	0.0000	0.0950	0.0950	0.0000	0.0950	0.0950	0.0000	400.7825	400.7825	0.1296		404.0230

Proctor Valley EIR - Offsite - San Diego County, Winter

3.20 NV Landscaping - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.3950	7.7000e-004	0.3958	0.0444	7.3000e-004	0.0451		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	0.9723	9.9000e-004	0.9733	0.1073	9.3000e-004	0.1082		141.9021	141.9021	9.3600e-003		142.1362

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - Offsite - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Residential	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Residential	10.80	7.30	7.50	41.60	18.80	39.60	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Residential	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

 Historical Energy Use: N

Proctor Valley EIR - Offsite - San Diego County, Winter

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Proctor Valley EIR - Offsite - San Diego County, Winter

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5329	0.0308	1.9718	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Unmitigated	1.5329	0.0308	1.9718	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

Proctor Valley EIR - Offsite - San Diego County, Winter

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.5304	0.0299	1.8891	3.4200e-003		0.2649	0.2649		0.2649	0.2649	27.7717	11.6471	39.4188	0.0256	2.1800e-003	40.7105
Landscaping	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		0.1486	0.1486	1.4000e-004		0.1522
Total	1.5329	0.0308	1.9718	3.4200e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

Proctor Valley EIR - Offsite - San Diego County, Winter

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.5304	0.0299	1.8891	3.4200e-003		0.2649	0.2649		0.2649	0.2649	27.7717	11.6471	39.4188	0.0256	2.1800e-003	40.7105
Landscaping	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		0.1486	0.1486	1.4000e-004		0.1522
Total	1.5329	0.0308	1.9718	3.4200e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Proctor Valley EIR - Offsite - San Diego County, Winter

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - Offsite - San Diego County, Summer

Proctor Valley EIR - Offsite

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	48.20	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Proctor Valley EIR - Offsite - San Diego County, Summer

Project Characteristics -

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

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Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 6

On-road Fugitive Dust - Refer to CalEEMod Input Matrix Table 7

Grading - Refer to CalEEMod Input Matrix Table 7

Construction Off-road Equipment Mitigation -

Proctor Valley EIR - Offsite - San Diego County, Summer

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Parking	250	0
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	25.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	38.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	75.00	21.00
tblConstructionPhase	NumDays	75.00	35.00
tblConstructionPhase	NumDays	75.00	43.00
tblConstructionPhase	NumDays	75.00	23.00
tblConstructionPhase	NumDays	55.00	22.00

Proctor Valley EIR - Offsite - San Diego County, Summer

tblConstructionPhase	NumDays	55.00	21.00
tblConstructionPhase	NumDays	55.00	43.00
tblConstructionPhase	NumDays	55.00	22.00
tblConstructionPhase	NumDays	30.00	23.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	131.00
tblConstructionPhase	NumDays	30.00	42.00
tblConstructionPhase	NumDays	30.00	66.00
tblConstructionPhase	NumDays	30.00	44.00
tblConstructionPhase	NumDays	30.00	131.00
tblConstructionPhase	NumDays	30.00	109.00
tblConstructionPhase	NumDays	30.00	21.00
tblConstructionPhase	NumDays	30.00	129.00
tblGrading	AcresOfGrading	10.50	52.50
tblGrading	AcresOfGrading	11.50	57.50
tblLandUse	LotAcreage	0.00	48.20
tblLandUse	Population	3.00	0.00
tblOffRoadEquipment	HorsePower	65.00	97.00
tblOffRoadEquipment	HorsePower	65.00	247.00
tblOffRoadEquipment	LoadFactor	0.37	0.40
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	PhaseName		SCV Landscaping
tblOffRoadEquipment	PhaseName		CV Landscaping

Proctor Valley EIR - Offsite - San Diego County, Summer

[illegible]

Proctor Valley EIR - Offsite - San Diego County, Summer

tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblOnRoadDust	WorkerPercentPave	100.00	98.00
tblProjectCharacteristics	OperationalYear	2018	2021
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

Proctor Valley EIR - Offsite - San Diego County, Summer

tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	20.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	4.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00

2.0 Emissions Summary

Proctor Valley EIR - Offsite - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	4.3927	46.0961	22.5005	0.0400	22.2120	2.3944	24.6064	10.3628	2.2030	12.5658	0.0000	3,971.879 5	3,971.879 5	1.2036	0.0000	4,001.969 2
2020	4.1281	42.8931	21.9120	0.0400	22.2120	2.2002	24.4122	10.3628	2.0243	12.3871	0.0000	3,886.992 3	3,886.992 3	1.2030	0.0000	3,917.068 0
2021	7.8697	81.8538	43.0466	0.0798	44.4239	2.0459	48.5157	20.7256	1.8823	24.4901	0.0000	7,767.283 5	7,767.283 5	2.4053	0.0000	7,827.416 9
2022	4.0541	42.7197	33.2204	0.0670	24.9862	1.6362	26.8619	10.3628	1.5053	11.8476	0.0000	6,513.757 2	6,513.757 2	2.0063	0.0000	6,563.915 0
2023	2.1584	21.9284	29.9853	0.0520	9.6460	0.5115	10.6691	1.0092	0.4706	1.9504	0.0000	5,098.533 1	5,098.533 1	1.4680	0.0000	5,135.233 7
Maximum	7.8697	81.8538	43.0466	0.0798	44.4239	2.3944	48.5157	20.7256	2.2030	24.4901	0.0000	7,767.283 5	7,767.283 5	2.4053	0.0000	7,827.416 9

Proctor Valley EIR - Offsite - San Diego County, Summer

2.1 Overall Construction (Maximum Daily Emission)**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	0.7218	12.4888	23.4054	0.0400	8.8840	0.0359	8.9199	4.0746	0.0382	4.1128	0.0000	3,971.879 5	3,971.879 5	1.2036	0.0000	4,001.969 2
2020	0.7204	12.4877	23.3709	0.0400	8.8840	0.0393	8.9232	4.0746	0.0412	4.1158	0.0000	3,886.992 3	3,886.992 3	1.2030	0.0000	3,917.068 0
2021	1.4398	24.9671	46.6909	0.0798	17.7679	0.0961	17.8522	8.1492	0.0960	8.2369	0.0000	7,767.283 5	7,767.283 5	2.4053	0.0000	7,827.416 9
2022	1.2290	22.7525	41.1316	0.0670	10.1528	0.1331	10.3194	4.0746	0.1303	4.1223	0.0000	6,513.757 2	6,513.757 2	2.0063	0.0000	6,563.915 0
2023	0.7611	21.6240	35.4082	0.0520	4.2841	0.0387	4.3616	0.4736	0.0387	0.5509	0.0000	5,098.533 1	5,098.533 1	1.4680	0.0000	5,135.233 7
Maximum	1.4398	24.9671	46.6909	0.0798	17.7679	0.1331	17.8522	8.1492	0.1303	8.2369	0.0000	7,767.283 5	7,767.283 5	2.4053	0.0000	7,827.416 9

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	78.45	59.95	-12.84	0.00	59.53	96.10	62.70	60.54	95.74	66.57	0.00	0.00	0.00	0.00	0.00	0.00

Proctor Valley EIR - Offsite - San Diego County, Summer

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5329	0.0308	1.9718	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	1.5329	0.0308	1.9718	3.4300e-003	0.0000	0.2653	0.2653	0.0000	0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.5329	0.0308	1.9718	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	1.5329	0.0308	1.9718	3.4300e-003	0.0000	0.2653	0.2653	0.0000	0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

Proctor Valley EIR - Offsite - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	SV Site Prep	Site Preparation	7/1/2019	7/31/2019	5	23	
2	SV Grading	Grading	4/30/2022	6/29/2022	5	43	
3	SV Utilities	Site Preparation	8/1/2019	1/30/2020	5	131	
4	SV Paving	Paving	10/19/2022	12/16/2022	5	43	
5	SV Landscaping	Site Preparation	1/31/2020	7/1/2020	5	109	
6	SCV Site Prep	Site Preparation	7/2/2020	7/30/2020	5	21	
7	SCV Grading	Grading	6/30/2022	8/1/2022	5	23	
8	SCV Utilities	Site Preparation	7/31/2020	1/27/2021	5	129	
9	SCV Paving	Paving	12/17/2022	1/17/2023	5	22	
10	SCV Landscaping	Site Preparation	1/28/2021	2/26/2021	5	22	
11	CV Site Prep	Site Preparation	2/27/2021	3/30/2021	5	22	
12	CV Utilities	Site Preparation	3/31/2021	9/29/2021	5	131	
13	CV Grading	Grading	8/2/2022	8/30/2022	5	21	
14	CV Paving	Paving	1/18/2023	2/16/2023	5	22	
15	CV Landscaping	Site Preparation	9/30/2021	11/26/2021	5	42	
16	NV Grading	Grading	8/31/2022	10/18/2022	5	35	
17	NV Utilities	Site Preparation	11/27/2021	2/28/2022	5	66	
18	NV Paving	Paving	2/17/2023	3/17/2023	5	21	
19	NV Landscaping	Site Preparation	3/1/2022	4/29/2022	5	44	

Proctor Valley EIR - Offsite - San Diego County, Summer

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
SV Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
SV Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SV Grading	Excavators	2	8.00	158	0.38
SV Grading	Graders	1	8.00	187	0.41
SV Grading	Rubber Tired Dozers	1	8.00	247	0.40
SV Grading	Scrapers	2	8.00	367	0.48
SV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
SV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
SV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SV Paving	Pavers	2	8.00	130	0.42
SV Paving	Paving Equipment	2	8.00	132	0.36
SV Paving	Rollers	2	8.00	80	0.38
SV Landscaping	Skid Steer Loaders	2	8.00	247	0.40
SCV Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
SCV Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SCV Grading	Excavators	2	8.00	158	0.38
SCV Grading	Graders	1	8.00	187	0.41
SCV Grading	Rubber Tired Dozers	1	8.00	247	0.40

Proctor Valley EIR - Offsite - San Diego County, Summer

SCV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
SCV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
SCV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
SCV Paving	Pavers	2	8.00	130	0.42
SCV Paving	Paving Equipment	2	8.00	132	0.36
SCV Paving	Rollers	2	8.00	80	0.38
SCV Landscaping	Skid Steer Loaders	2	8.00	97	0.37
CV Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
CV Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
CV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
CV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
CV Grading	Excavators	2	8.00	158	0.38
CV Grading	Graders	1	8.00	187	0.41
CV Grading	Rubber Tired Dozers	1	8.00	247	0.40
CV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
CV Paving	Pavers	2	8.00	130	0.42
CV Paving	Paving Equipment	2	8.00	132	0.36
CV Paving	Rollers	2	8.00	80	0.38
CV Landscaping	Skid Steer Loaders	2	8.00	65	0.37
NV Grading	Excavators	2	8.00	158	0.38
NV Grading	Graders	1	8.00	187	0.41
NV Grading	Rubber Tired Dozers	1	8.00	247	0.40
NV Grading	Scrapers	2	8.00	367	0.48
NV Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
NV Utilities	Rubber Tired Dozers	3	8.00	247	0.40
NV Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
NV Paving	Pavers	2	8.00	130	0.42

Proctor Valley EIR - Offsite - San Diego County, Summer

NV Paving	Paving Equipment	2	8.00	132	0.36
NV Paving	Rollers	2	8.00	80	0.38
NV Landscaping	Skid Steer Loaders	2	8.00	65	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
SV Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Grading	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Grading	6	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
SCV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Site Prep	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Grading	6	8.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
CV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Grading	8	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Utilities	7	10.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
NV Landscaping	2	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

Proctor Valley EIR - Offsite - San Diego County, Summer

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 SV Site Prep - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298		3,766.4529	3,766.4529	1.1917		3,796.2445

Proctor Valley EIR - Offsite - San Diego County, Summer

3.2 SV Site Prep - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		87.0200	87.0200	2.7800e-003		87.0894
Total	0.0577	0.5234	0.4375	1.9700e-003	4.1457	4.0400e-003	4.1497	0.4321	3.8400e-003	0.4359		205.4266	205.4266	0.0119		205.7246

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6641	11.9655	22.9679	0.0380		0.0319	0.0319		0.0344	0.0344	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	0.6641	11.9655	22.9679	0.0380	7.0458	0.0319	7.0777	3.8730	0.0344	3.9074	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445

Proctor Valley EIR - Offsite - San Diego County, Summer

3.2 SV Site Prep - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.3950	3.4500e-003	0.3985	0.0444	3.3000e-003	0.0477		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	1.4431	5.9000e-004	1.4437	0.1572	5.4000e-004	0.1577		87.0200	87.0200	2.7800e-003		87.0894
Total	0.0577	0.5234	0.4375	1.9700e-003	1.8381	4.0400e-003	1.8422	0.2016	3.8400e-003	0.2055		205.4266	205.4266	0.0119		205.7246

3.3 SV Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006		6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR - Offsite - San Diego County, Summer

3.3 SV Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0440	0.4054	0.3450	1.8600e-003	4.1457	1.3000e-003	4.1470	0.4321	1.2100e-003	0.4333		193.9015	193.9015	0.0102		194.1566

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0710	18.9887	36.4016	0.0621		0.1318	0.1318		0.1290	0.1290	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	1.0710	18.9887	36.4016	0.0621	3.3826	0.1318	3.5144	1.4026	0.1290	1.5317	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR - Offsite - San Diego County, Summer

3.3 SV Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0440	0.4054	0.3450	1.8600e-003	1.8381	1.3000e-003	1.8394	0.2016	1.2100e-003	0.2028		193.9015	193.9015	0.0102		194.1566

3.4 SV Utilities - 2019**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.3350	45.5727	22.0630	0.0380		2.3904	2.3904		2.1991	2.1991		3,766.4529	3,766.4529	1.1917		3,796.2445
Total	4.3350	45.5727	22.0630	0.0380	18.0663	2.3904	20.4566	9.9307	2.1991	12.1298		3,766.4529	3,766.4529	1.1917		3,796.2445

Proctor Valley EIR - Offsite - San Diego County, Summer

3.4 SV Utilities - 2019**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.8862	3.4500e-003	0.8896	0.0935	3.3000e-003	0.0968		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	3.2596	5.9000e-004	3.2601	0.3387	5.4000e-004	0.3392		87.0200	87.0200	2.7800e-003		87.0894
Total	0.0577	0.5234	0.4375	1.9700e-003	4.1457	4.0400e-003	4.1497	0.4321	3.8400e-003	0.4359		205.4266	205.4266	0.0119		205.7246

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6641	11.9655	22.9679	0.0380		0.0319	0.0319		0.0344	0.0344	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445
Total	0.6641	11.9655	22.9679	0.0380	7.0458	0.0319	7.0777	3.8730	0.0344	3.9074	0.0000	3,766.4529	3,766.4529	1.1917		3,796.2445

Proctor Valley EIR - Offsite - San Diego County, Summer

3.4 SV Utilities - 2019**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0184	0.4960	0.1280	1.1000e-003	0.3950	3.4500e-003	0.3985	0.0444	3.3000e-003	0.0477		118.4067	118.4067	9.1400e-003		118.6352
Worker	0.0393	0.0274	0.3094	8.7000e-004	1.4431	5.9000e-004	1.4437	0.1572	5.4000e-004	0.1577		87.0200	87.0200	2.7800e-003		87.0894
Total	0.0577	0.5234	0.4375	1.9700e-003	1.8381	4.0400e-003	1.8422	0.2016	3.8400e-003	0.2055		205.4266	205.4266	0.0119		205.7246

3.4 SV Utilities - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Summer

3.4 SV Utilities - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		84.2747	84.2747	2.5200e-003		84.3376
Total	0.0517	0.4758	0.3984	1.9500e-003	4.1457	2.7900e-003	4.1485	0.4321	2.6400e-003	0.4348		201.8907	201.8907	0.0112		202.1706

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6688	12.0119	22.9725	0.0380		0.0365	0.0365		0.0386	0.0386	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	0.6688	12.0119	22.9725	0.0380	7.0458	0.0365	7.0823	3.8730	0.0386	3.9116	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Summer

3.4 SV Utilities - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	1.4431	5.8000e-004	1.4437	0.1572	5.3000e-004	0.1577		84.2747	84.2747	2.5200e-003		84.3376
Total	0.0517	0.4758	0.3984	1.9500e-003	1.8381	2.7900e-003	1.8409	0.2016	2.6400e-003	0.2043		201.8907	201.8907	0.0112		202.1706

3.5 SV Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Offsite - San Diego County, Summer

3.5 SV Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0543	0.9787	0.4431	3.3100e-003	4.8230	2.2800e-003	4.8253	0.5046	2.1700e-003	0.5068		351.3786	351.3786	0.0219		351.9257

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Offsite - San Diego County, Summer

3.5 SV Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	0.9876	1.8400e-003	0.9894	0.1110	1.7600e-003	0.1128		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0543	0.9787	0.4431	3.3100e-003	2.1421	2.2800e-003	2.1443	0.2368	2.1700e-003	0.2390		351.3786	351.3786	0.0219		351.9257

3.6 SV Landscaping - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Proctor Valley EIR - Offsite - San Diego County, Summer

3.6 SV Landscaping - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		33.7099	33.7099	1.0100e-003		33.7351
Total	0.0296	0.4609	0.2283	1.4400e-003	2.1900	2.4400e-003	2.1924	0.2289	2.3200e-003	0.2312		151.3259	151.3259	9.6900e-003		151.5680

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Total					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000

Proctor Valley EIR - Offsite - San Diego County, Summer

3.6 SV Landscaping - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		33.7099	33.7099	1.0100e-003		33.7351
Total	0.0296	0.4609	0.2283	1.4400e-003	0.9723	2.4400e-003	0.9747	0.1073	2.3200e-003	0.1096		151.3259	151.3259	9.6900e-003		151.5680

3.7 SCV Site Prep - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Summer

3.7 SCV Site Prep - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		84.2747	84.2747	2.5200e-003		84.3376
Total	0.0517	0.4758	0.3984	1.9500e-003	4.1457	2.7900e-003	4.1485	0.4321	2.6400e-003	0.4348		201.8907	201.8907	0.0112		202.1706

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6688	12.0119	22.9725	0.0380		0.0365	0.0365		0.0386	0.0386	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	0.6688	12.0119	22.9725	0.0380	7.0458	0.0365	7.0823	3.8730	0.0386	3.9116	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Summer

3.7 SCV Site Prep - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	1.4431	5.8000e-004	1.4437	0.1572	5.3000e-004	0.1577		84.2747	84.2747	2.5200e-003		84.3376
Total	0.0517	0.4758	0.3984	1.9500e-003	1.8381	2.7900e-003	1.8409	0.2016	2.6400e-003	0.2043		201.8907	201.8907	0.0112		202.1706

3.8 SCV Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	1.9864	20.9565	16.2899	0.0317		0.9366	0.9366		0.8617	0.8617		3,070.8227	3,070.8227	0.9932		3,095.6519
Total	1.9864	20.9565	16.2899	0.0317	8.6733	0.9366	9.6100	3.5965	0.8617	4.4582		3,070.8227	3,070.8227	0.9932		3,095.6519

Proctor Valley EIR - Offsite - San Diego County, Summer

3.8 SCV Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0440	0.4054	0.3450	1.8600e-003	4.1457	1.3000e-003	4.1470	0.4321	1.2100e-003	0.4333		193.9015	193.9015	0.0102		194.1566

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	0.5738	10.9729	20.2455	0.0317		0.0821	0.0821		0.0793	0.0793	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519
Total	0.5738	10.9729	20.2455	0.0317	3.3826	0.0821	3.4647	1.4026	0.0793	1.4820	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519

Proctor Valley EIR - Offsite - San Diego County, Summer

3.8 SCV Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0440	0.4054	0.3450	1.8600e-003	1.8381	1.3000e-003	1.8394	0.2016	1.2100e-003	0.2028		193.9015	193.9015	0.0102		194.1566

3.9 SCV Utilities - 2020**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Summer

3.9 SCV Utilities - 2020**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.8862	2.2100e-003	0.8884	0.0935	2.1100e-003	0.0956		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	3.2596	5.8000e-004	3.2601	0.3387	5.3000e-004	0.3392		84.2747	84.2747	2.5200e-003		84.3376
Total	0.0517	0.4758	0.3984	1.9500e-003	4.1457	2.7900e-003	4.1485	0.4321	2.6400e-003	0.4348		201.8907	201.8907	0.0112		202.1706

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6688	12.0119	22.9725	0.0380		0.0365	0.0365		0.0386	0.0386	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	0.6688	12.0119	22.9725	0.0380	7.0458	0.0365	7.0823	3.8730	0.0386	3.9116	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

Proctor Valley EIR - Offsite - San Diego County, Summer

3.9 SCV Utilities - 2020**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.3950	2.2100e-003	0.3972	0.0444	2.1100e-003	0.0465		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0367	0.0247	0.2835	8.5000e-004	1.4431	5.8000e-004	1.4437	0.1572	5.3000e-004	0.1577		84.2747	84.2747	2.5200e-003		84.3376
Total	0.0517	0.4758	0.3984	1.9500e-003	1.8381	2.7900e-003	1.8409	0.2016	2.6400e-003	0.2043		201.8907	201.8907	0.0112		202.1706

3.9 SCV Utilities - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Summer

3.9 SCV Utilities - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0467	0.4298	0.3690	1.9000e-003	4.1457	1.4300e-003	4.1471	0.4321	1.3400e-003	0.4335		197.9849	197.9849	0.0107		198.2512

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6732	12.0538	22.9764	0.0380		0.0407	0.0407		0.0425	0.0425	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6732	12.0538	22.9764	0.0380	7.0458	0.0407	7.0866	3.8730	0.0425	3.9155	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Summer

3.9 SCV Utilities - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0467	0.4298	0.3690	1.9000e-003	1.8381	1.4300e-003	1.8395	0.2016	1.3400e-003	0.2029		197.9849	197.9849	0.0107		198.2512

3.10 SCV Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1028	11.1249	14.5805	0.0228		0.5679	0.5679		0.5225	0.5225		2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Offsite - San Diego County, Summer

3.10 SCV Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	2.2154	1.8400e-003	2.2172	0.2337	1.7600e-003	0.2354		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0543	0.9787	0.4431	3.3100e-003	4.8230	2.2800e-003	4.8253	0.5046	2.1700e-003	0.5068		351.3786	351.3786	0.0219		351.9257

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.6603	2,207.6603	0.7140		2,225.5104

Proctor Valley EIR - Offsite - San Diego County, Summer

3.10 SCV Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0281	0.9623	0.2458	2.6800e-003	0.9876	1.8400e-003	0.9894	0.1110	1.7600e-003	0.1128		288.6138	288.6138	0.0202		289.1183
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0543	0.9787	0.4431	3.3100e-003	2.1421	2.2800e-003	2.1443	0.2368	2.1700e-003	0.2390		351.3786	351.3786	0.0219		351.9257

3.10 SCV Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Summer

3.10 SCV Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	4.8230	1.3300e-003	4.8243	0.5046	1.2500e-003	0.5058		341.6824	341.6824	0.0200		342.1833

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Summer

3.10 SCV Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	2.1421	1.3300e-003	2.1434	0.2368	1.2500e-003	0.2380		341.6824	341.6824	0.0200		342.1833

3.11 SCV Landscaping - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2253	2.9952	4.1485	6.1700e-003		0.1219	0.1219		0.1121	0.1121		597.5151	597.5151	0.1933		602.3464
Total	0.2253	2.9952	4.1485	6.1700e-003	0.0000	0.1219	0.1219	0.0000	0.1121	0.1121		597.5151	597.5151	0.1933		602.3464

Proctor Valley EIR - Offsite - San Diego County, Summer

3.11 SCV Landscaping - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	2.1900	1.0900e-003	2.1911	0.2289	1.0300e-003	0.2300		149.1184	149.1184	9.2600e-003		149.3498

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1393	2.7092	4.6841	6.1700e-003		0.0101	0.0101		0.0101	0.0101	0.0000	597.5151	597.5151	0.1933		602.3464
Total	0.1393	2.7092	4.6841	6.1700e-003	0.0000	0.0101	0.0101	0.0000	0.0101	0.0101	0.0000	597.5151	597.5151	0.1933		602.3464

Proctor Valley EIR - Offsite - San Diego County, Summer

3.11 SCV Landscaping - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	0.9723	1.0900e-003	0.9734	0.1073	1.0300e-003	0.1083		149.1184	149.1184	9.2600e-003		149.3498

3.12 CV Site Prep - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Summer

3.12 CV Site Prep - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0467	0.4298	0.3690	1.9000e-003	4.1457	1.4300e-003	4.1471	0.4321	1.3400e-003	0.4335		197.9849	197.9849	0.0107		198.2512

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6732	12.0538	22.9764	0.0380		0.0407	0.0407		0.0425	0.0425	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6732	12.0538	22.9764	0.0380	7.0458	0.0407	7.0866	3.8730	0.0425	3.9155	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Summer

3.12 CV Site Prep - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0467	0.4298	0.3690	1.9000e-003	1.8381	1.4300e-003	1.8395	0.2016	1.3400e-003	0.2029		197.9849	197.9849	0.0107		198.2512

3.13 CV Utilities - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Summer

3.13 CV Utilities - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0467	0.4298	0.3690	1.9000e-003	4.1457	1.4300e-003	4.1471	0.4321	1.3400e-003	0.4335		197.9849	197.9849	0.0107		198.2512

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6732	12.0538	22.9764	0.0380		0.0407	0.0407		0.0425	0.0425	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6732	12.0538	22.9764	0.0380	7.0458	0.0407	7.0866	3.8730	0.0425	3.9155	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Summer

3.13 CV Utilities - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0467	0.4298	0.3690	1.9000e-003	1.8381	1.4300e-003	1.8395	0.2016	1.3400e-003	0.2029		197.9849	197.9849	0.0107		198.2512

3.14 CV Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	1.9864	20.9565	16.2899	0.0317		0.9366	0.9366		0.8617	0.8617		3,070.8227	3,070.8227	0.9932		3,095.6519
Total	1.9864	20.9565	16.2899	0.0317	8.6733	0.9366	9.6100	3.5965	0.8617	4.4582		3,070.8227	3,070.8227	0.9932		3,095.6519

Proctor Valley EIR - Offsite - San Diego County, Summer

3.14 CV Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.1000e-004	0.2713		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0374	0.4013	0.2956	1.7000e-003	3.4938	1.1800e-003	3.4950	0.3644	1.1100e-003	0.3655		178.2103	178.2103	9.7700e-003		178.4547

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	0.5738	10.9729	20.2455	0.0317		0.0821	0.0821		0.0793	0.0793	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519
Total	0.5738	10.9729	20.2455	0.0317	3.3826	0.0821	3.4647	1.4026	0.0793	1.4820	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519

Proctor Valley EIR - Offsite - San Diego County, Summer

3.14 CV Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0262	0.0164	0.1973	6.3000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.1000e-004	0.1262		62.7648	62.7648	1.7000e-003		62.8074
Total	0.0374	0.4013	0.2956	1.7000e-003	1.5495	1.1800e-003	1.5507	0.1702	1.1100e-003	0.1713		178.2103	178.2103	9.7700e-003		178.4547

3.15 CV Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Summer

3.15 CV Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	4.8230	1.3300e-003	4.8243	0.5046	1.2500e-003	0.5058		341.6824	341.6824	0.0200		342.1833

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Summer

3.15 CV Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	2.1421	1.3300e-003	2.1434	0.2368	1.2500e-003	0.2380		341.6824	341.6824	0.0200		342.1833

3.16 CV Landscaping - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1510	2.0071	2.7799	4.1400e-003		0.0817	0.0817		0.0751	0.0751		400.3967	400.3967	0.1295		403.6342
Total	0.1510	2.0071	2.7799	4.1400e-003	0.0000	0.0817	0.0817	0.0000	0.0751	0.0751		400.3967	400.3967	0.1295		403.6342

Proctor Valley EIR - Offsite - San Diego County, Summer

3.16 CV Landscaping - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	1.3038	2.3000e-004	1.3041	0.1355	2.1000e-004	0.1357		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	2.1900	1.0900e-003	2.1911	0.2289	1.0300e-003	0.2300		149.1184	149.1184	9.2600e-003		149.3498

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.3967	400.3967	0.1295		403.6342
Total	0.1018	2.3245	3.1389	4.1400e-003	0.0000	0.0950	0.0950	0.0000	0.0950	0.0950	0.0000	400.3967	400.3967	0.1295		403.6342

Proctor Valley EIR - Offsite - San Diego County, Summer

3.16 CV Landscaping - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0138	8.9900e-003	0.1061	3.3000e-004	0.5772	2.3000e-004	0.5775	0.0629	2.1000e-004	0.0631		32.5776	32.5776	9.3000e-004		32.6009
Total	0.0259	0.4163	0.2099	1.4100e-003	0.9723	1.0900e-003	0.9734	0.1073	1.0300e-003	0.1083		149.1184	149.1184	9.2600e-003		149.3498

3.17 NV Grading - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.6248	38.8435	29.0415	0.0621		1.6349	1.6349		1.5041	1.5041		6,011.4105	6,011.4105	1.9442		6,060.0158
Total	3.6248	38.8435	29.0415	0.0621	8.6733	1.6349	10.3082	3.5965	1.5041	5.1006		6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR - Offsite - San Diego County, Summer

3.17 NV Grading - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0440	0.4054	0.3450	1.8600e-003	4.1457	1.3000e-003	4.1470	0.4321	1.2100e-003	0.4333		193.9015	193.9015	0.0102		194.1566

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.3826	0.0000	3.3826	1.4026	0.0000	1.4026			0.0000			0.0000
Off-Road	1.0710	18.9887	36.4016	0.0621		0.1318	0.1318		0.1290	0.1290	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158
Total	1.0710	18.9887	36.4016	0.0621	3.3826	0.1318	3.5144	1.4026	0.1290	1.5317	0.0000	6,011.4105	6,011.4105	1.9442		6,060.0158

Proctor Valley EIR - Offsite - San Diego County, Summer

3.17 NV Grading - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0440	0.4054	0.3450	1.8600e-003	1.8381	1.3000e-003	1.8394	0.2016	1.2100e-003	0.2028		193.9015	193.9015	0.0102		194.1566

3.18 NV Utilities - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	3.8882	40.4971	21.1543	0.0380	18.0663	2.0445	20.1107	9.9307	1.8809	11.8116		3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Summer

3.18 NV Utilities - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.8862	8.6000e-004	0.8870	0.0935	8.2000e-004	0.0943		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	3.2596	5.7000e-004	3.2601	0.3387	5.2000e-004	0.3392		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0467	0.4298	0.3690	1.9000e-003	4.1457	1.4300e-003	4.1471	0.4321	1.3400e-003	0.4335		197.9849	197.9849	0.0107		198.2512

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6732	12.0538	22.9764	0.0380		0.0407	0.0407		0.0425	0.0425	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	0.6732	12.0538	22.9764	0.0380	7.0458	0.0407	7.0866	3.8730	0.0425	3.9155	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573

Proctor Valley EIR - Offsite - San Diego County, Summer

3.18 NV Utilities - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0121	0.4073	0.1038	1.0800e-003	0.3950	8.6000e-004	0.3959	0.0444	8.2000e-004	0.0452		116.5408	116.5408	8.3300e-003		116.7490
Worker	0.0346	0.0225	0.2652	8.2000e-004	1.4431	5.7000e-004	1.4437	0.1572	5.2000e-004	0.1577		81.4441	81.4441	2.3200e-003		81.5022
Total	0.0467	0.4298	0.3690	1.9000e-003	1.8381	1.4300e-003	1.8395	0.2016	1.3400e-003	0.2029		197.9849	197.9849	0.0107		198.2512

3.18 NV Utilities - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	3.1701	33.0835	19.6978	0.0380	18.0663	1.6126	19.6788	9.9307	1.4836	11.4143		3,686.0619	3,686.0619	1.1922		3,715.8655

Proctor Valley EIR - Offsite - San Diego County, Summer

3.18 NV Utilities - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	3.2596	5.6000e-004	3.2601	0.3387	5.1000e-004	0.3392		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0440	0.4054	0.3450	1.8600e-003	4.1457	1.3000e-003	4.1470	0.4321	1.2100e-003	0.4333		193.9015	193.9015	0.0102		194.1566

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	0.6777	12.0978	22.9809	0.0380		0.0451	0.0451		0.0465	0.0465	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	0.6777	12.0978	22.9809	0.0380	7.0458	0.0451	7.0909	3.8730	0.0465	3.9195	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655

Proctor Valley EIR - Offsite - San Diego County, Summer

3.18 NV Utilities - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0327	0.0205	0.2466	7.9000e-004	1.4431	5.6000e-004	1.4436	0.1572	5.1000e-004	0.1577		78.4560	78.4560	2.1300e-003		78.5092
Total	0.0440	0.4054	0.3450	1.8600e-003	1.8381	1.3000e-003	1.8394	0.2016	1.2100e-003	0.2028		193.9015	193.9015	0.0102		194.1566

3.19 NV Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Summer

3.19 NV Paving - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	2.2154	8.9000e-004	2.2163	0.2337	8.5000e-004	0.2345		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	2.6076	4.4000e-004	2.6081	0.2709	4.0000e-004	0.2713		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	4.8230	1.3300e-003	4.8243	0.5046	1.2500e-003	0.5058		341.6824	341.6824	0.0200		342.1833

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Proctor Valley EIR - Offsite - San Diego County, Summer

3.19 NV Paving - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.9876	8.9000e-004	0.9885	0.1110	8.5000e-004	0.1119		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	1.1545	4.4000e-004	1.1549	0.1258	4.0000e-004	0.1262		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	2.1421	1.3300e-003	2.1434	0.2368	1.2500e-003	0.2380		341.6824	341.6824	0.0200		342.1833

3.20 NV Landscaping - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1392	1.8572	2.7744	4.1400e-003		0.0690	0.0690		0.0635	0.0635		400.7825	400.7825	0.1296		404.0230
Total	0.1392	1.8572	2.7744	4.1400e-003	0.0000	0.0690	0.0690	0.0000	0.0635	0.0635		400.7825	400.7825	0.1296		404.0230

Proctor Valley EIR - Offsite - San Diego County, Summer

3.20 NV Landscaping - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.8862	7.4000e-004	0.8869	0.0935	7.0000e-004	0.0942		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	1.3038	2.2000e-004	1.3040	0.1355	2.0000e-004	0.1357		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	2.1900	9.6000e-004	2.1909	0.2289	9.0000e-004	0.2298		146.8279	146.8279	8.9200e-003		147.0510

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1018	2.3245	3.1389	4.1400e-003		0.0950	0.0950		0.0950	0.0950	0.0000	400.7825	400.7825	0.1296		404.0230
Total	0.1018	2.3245	3.1389	4.1400e-003	0.0000	0.0950	0.0950	0.0000	0.0950	0.0950	0.0000	400.7825	400.7825	0.1296		404.0230

Proctor Valley EIR - Offsite - San Diego County, Summer

3.20 NV Landscaping - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.3950	7.4000e-004	0.3958	0.0444	7.0000e-004	0.0451		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.5772	2.2000e-004	0.5775	0.0629	2.0000e-004	0.0631		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	0.9723	9.6000e-004	0.9732	0.1073	9.0000e-004	0.1082		146.8279	146.8279	8.9200e-003		147.0510

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

Proctor Valley EIR - Offsite - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
User Defined Residential	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
User Defined Residential	10.80	7.30	7.50	41.60	18.80	39.60	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
User Defined Residential	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

 Historical Energy Use: N

Proctor Valley EIR - Offsite - San Diego County, Summer

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Proctor Valley EIR - Offsite - San Diego County, Summer

5.2 Energy by Land Use - NaturalGas**Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
User Defined Residential	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5329	0.0308	1.9718	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626
Unmitigated	1.5329	0.0308	1.9718	3.4300e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

Proctor Valley EIR - Offsite - San Diego County, Summer

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.5304	0.0299	1.8891	3.4200e-003		0.2649	0.2649		0.2649	0.2649	27.7717	11.6471	39.4188	0.0256	2.1800e-003	40.7105
Landscaping	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		0.1486	0.1486	1.4000e-004		0.1522
Total	1.5329	0.0308	1.9718	3.4200e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

Proctor Valley EIR - Offsite - San Diego County, Summer

6.2 Area by SubCategory**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	1.5304	0.0299	1.8891	3.4200e-003		0.2649	0.2649		0.2649	0.2649	27.7717	11.6471	39.4188	0.0256	2.1800e-003	40.7105
Landscaping	2.5100e-003	9.5000e-004	0.0827	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004		0.1486	0.1486	1.4000e-004		0.1522
Total	1.5329	0.0308	1.9718	3.4200e-003		0.2653	0.2653		0.2653	0.2653	27.7717	11.7956	39.5673	0.0258	2.1800e-003	40.8626

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Proctor Valley EIR - Offsite - San Diego County, Summer

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR - Offsite
San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
CV Grading	0.70	0.47	-0.24	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
CV Landscaping	0.28	-0.13	-0.12	0.00	-0.17	-0.26	0.00	0.00	0.00	0.00	0.00	0.00
CV Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
CV Site Prep	0.82	0.69	-0.08	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
CV Utilities	0.82	0.69	-0.08	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
NV Grading	0.70	0.51	-0.25	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
NV Landscaping	0.23	-0.21	-0.12	0.00	-0.37	-0.49	0.00	0.00	0.00	0.00	0.00	0.00
NV Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
NV Utilities	0.79	0.66	-0.13	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00
SCV Grading	0.70	0.47	-0.24	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00
SCV Landscaping	0.34	0.08	-0.12	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
SCV Paving	0.66	0.05	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
SCV Site Prep	0.83	0.71	-0.07	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
SCV Utilities	0.82	0.71	-0.07	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
SV Grading	0.70	0.51	-0.25	0.00	0.92	0.91	0.00	0.00	0.00	0.00	0.00	0.00
SV Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SV Paving	0.66	0.09	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
SV Site Prep	0.84	0.73	-0.04	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00
SV Utilities	0.83	0.73	-0.04	0.00	0.98	0.98	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Excavators	Diesel	Tier 4 Interim	6	8	No Change	0.00
Graders	Diesel	Tier 4 Interim	4	4	No Change	0.00
Pavers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rollers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	25	25	No Change	0.00
Scrapers	Diesel	Tier 4 Interim	4	4	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	8	8	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	38	36	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Excavators	2.47000E-002	2.16790E-001	3.97130E-001	6.30000E-004	1.04800E-002	9.64000E-003	0.00000E+000	5.53400E+001	5.53400E+001	1.79000E-002	0.00000E+000	5.57874E+001
Graders	2.53100E-002	3.20710E-001	1.05030E-001	4.00000E-004	1.02000E-002	9.38000E-003	0.00000E+000	3.54873E+001	3.54873E+001	1.14800E-002	0.00000E+000	3.57742E+001
Pavers	2.15200E-002	2.14790E-001	3.11420E-001	5.10000E-004	1.01600E-002	9.34000E-003	0.00000E+000	4.46023E+001	4.46023E+001	1.44300E-002	0.00000E+000	4.49629E+001
Paving Equipment	1.88400E-002	1.80260E-001	2.75560E-001	4.40000E-004	8.78000E-003	8.08000E-003	0.00000E+000	3.86484E+001	3.86484E+001	1.25000E-002	0.00000E+000	3.89608E+001
Rollers	1.72700E-002	1.80030E-001	2.00470E-001	2.80000E-004	1.01400E-002	9.33000E-003	0.00000E+000	2.48963E+001	2.48963E+001	8.05000E-003	0.00000E+000	2.50976E+001
Rubber Tired Dozers	8.84140E-001	9.31072E+000	3.42841E+000	7.21000E-003	4.52400E-001	4.16210E-001	0.00000E+000	6.37809E+002	6.37809E+002	2.05210E-001	0.00000E+000	6.42940E+002
Scrapers	6.39000E-002	6.97590E-001	4.97310E-001	1.18000E-003	2.72300E-002	2.50500E-002	0.00000E+000	1.04039E+002	1.04039E+002	3.36500E-002	0.00000E+000	1.04880E+002
Skid Steer Loaders	8.71000E-003	1.15950E-001	1.65050E-001	2.50000E-004	4.57000E-003	4.21000E-003	0.00000E+000	2.15894E+001	2.15894E+001	6.98000E-003	0.00000E+000	2.17639E+001
Tractors/Loaders/Backhoes	2.32960E-001	2.35002E+000	2.65257E+000	3.63000E-003	1.44350E-001	1.32800E-001	0.00000E+000	3.20448E+002	3.20448E+002	1.03120E-001	0.00000E+000	3.23026E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Excavators	1.19900E-002	2.62510E-001	4.57780E-001	6.30000E-004	3.40000E-003	3.19000E-003	0.00000E+000	5.53399E+001	5.53399E+001	1.79000E-002	0.00000E+000	5.57873E+001
Graders	6.60000E-003	1.06410E-001	2.14460E-001	4.00000E-004	6.60000E-004	6.60000E-004	0.00000E+000	3.54872E+001	3.54872E+001	1.14800E-002	0.00000E+000	3.57742E+001
Pavers	6.24000E-003	2.23600E-001	3.84810E-001	5.10000E-004	8.30000E-004	8.30000E-004	0.00000E+000	4.46023E+001	4.46023E+001	1.44300E-002	0.00000E+000	4.49629E+001
Paving Equipment	5.43000E-003	1.94610E-001	3.34910E-001	4.40000E-004	7.20000E-004	7.20000E-004	0.00000E+000	3.86483E+001	3.86483E+001	1.25000E-002	0.00000E+000	3.89608E+001
Rollers	6.37000E-003	1.23920E-001	2.14250E-001	2.80000E-004	4.60000E-004	4.60000E-004	0.00000E+000	2.48962E+001	2.48962E+001	8.05000E-003	0.00000E+000	2.50975E+001
Rubber Tired Dozers	1.17860E-001	1.90057E+000	3.83061E+000	7.21000E-003	1.17900E-002	1.17900E-002	0.00000E+000	6.37808E+002	6.37808E+002	2.05210E-001	0.00000E+000	6.42939E+002
Scrapers	1.93900E-002	3.12620E-001	6.30080E-001	1.18000E-003	1.94000E-003	1.94000E-003	0.00000E+000	1.04038E+002	1.04038E+002	3.36500E-002	0.00000E+000	1.04880E+002
Skid Steer Loaders	5.91000E-003	1.29750E-001	1.86500E-001	2.50000E-004	4.20000E-003	4.20000E-003	0.00000E+000	2.15894E+001	2.15894E+001	6.98000E-003	0.00000E+000	2.17639E+001
Tractors/Loaders/Balckhoes	7.37500E-002	1.54378E+000	2.73968E+000	3.63000E-003	1.01000E-003	4.30000E-004	0.00000E+000	3.20448E+002	3.20448E+002	1.03120E-001	0.00000E+000	3.23026E+002

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Excavators	5.14575E-001	-2.10895E-001	-1.52721E-001	0.00000E+000	6.75573E-001	6.69087E-001	0.00000E+000	1.26491E-006	1.26491E-006	0.00000E+000	0.00000E+000	1.25476E-006
Graders	7.39234E-001	6.68205E-001	-1.04189E+000	0.00000E+000	9.35294E-001	9.29638E-001	0.00000E+000	1.40896E-006	1.40896E-006	0.00000E+000	0.00000E+000	1.11812E-006
Pavers	7.10037E-001	-4.10168E-002	-2.35662E-001	0.00000E+000	9.18307E-001	9.11135E-001	0.00000E+000	1.12102E-006	1.12102E-006	0.00000E+000	0.00000E+000	1.33443E-006
Paving Equipment	7.11783E-001	-7.96072E-002	-2.15380E-001	0.00000E+000	9.17995E-001	9.10891E-001	0.00000E+000	1.29372E-006	1.29372E-006	0.00000E+000	0.00000E+000	1.28334E-006
Rollers	6.31152E-001	3.11670E-001	-6.87385E-002	0.00000E+000	9.54635E-001	9.50697E-001	0.00000E+000	1.20500E-006	1.20500E-006	0.00000E+000	0.00000E+000	1.19534E-006
Rubber Tired Dozers	8.66695E-001	7.95873E-001	-1.17314E-001	0.00000E+000	9.73939E-001	9.71673E-001	0.00000E+000	1.19158E-006	1.19158E-006	0.00000E+000	0.00000E+000	1.19762E-006
Scrapers	6.96557E-001	5.51857E-001	-2.66976E-001	0.00000E+000	9.28755E-001	9.22555E-001	0.00000E+000	1.15342E-006	1.15342E-006	0.00000E+000	0.00000E+000	1.14417E-006
Skid Steer Loaders	3.21470E-001	-1.19017E-001	-1.29961E-001	0.00000E+000	8.09628E-002	2.37530E-003	0.00000E+000	1.38957E-006	1.38957E-006	0.00000E+000	0.00000E+000	1.37843E-006
Tractors/Loaders/Balckhoes	6.83422E-001	3.43078E-001	-3.28398E-002	0.00000E+000	1.00700E+000	1.00324E+000	0.00000E+000	1.18584E-006	1.18584E-006	0.00000E+000	0.00000E+000	1.17638E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input	Mitigation Input	Mitigation Input			
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
Yes	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
No	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
CV Grading	Fugitive Dust	0.09	0.04	0.04	0.01	0.61	0.61
CV Grading	Roads	0.03	0.00	0.01	0.00	0.56	0.53
CV Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
CV Landscaping	Roads	0.04	0.00	0.02	0.00	0.55	0.53
CV Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
CV Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
CV Site Prep	Fugitive Dust	0.20	0.11	0.08	0.04	0.61	0.61
CV Site Prep	Roads	0.04	0.00	0.02	0.00	0.56	0.53
CV Utilities	Fugitive Dust	1.18	0.65	0.46	0.25	0.61	0.61
CV Utilities	Roads	0.24	0.03	0.11	0.01	0.56	0.53
NV Grading	Fugitive Dust	0.15	0.06	0.06	0.02	0.61	0.61

NV Grading	Roads	0.06	0.01	0.03	0.00	0.56	0.53
NV Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
NV Landscaping	Roads	0.04	0.00	0.02	0.00	0.55	0.53
NV Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
NV Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
NV Utilities	Fugitive Dust	1.19	0.66	0.47	0.26	0.61	0.61
NV Utilities	Roads	0.12	0.01	0.05	0.01	0.56	0.53
SCV Grading	Fugitive Dust	0.10	0.04	0.04	0.02	0.61	0.61
SCV Grading	Roads	0.04	0.00	0.02	0.00	0.56	0.53
SCV Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
SCV Landscaping	Roads	0.02	0.00	0.01	0.00	0.55	0.53
SCV Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
SCV Paving	Roads	0.05	0.00	0.02	0.00	0.55	0.53
SCV Site Prep	Fugitive Dust	0.19	0.10	0.07	0.04	0.61	0.61
SCV Site Prep	Roads	0.04	0.00	0.02	0.00	0.56	0.53
SCV Utilities	Fugitive Dust	2.33	1.28	0.91	0.50	0.61	0.61
SCV Utilities	Roads	0.24	0.02	0.11	0.01	0.56	0.53
SV Grading	Fugitive Dust	0.19	0.08	0.07	0.03	0.61	0.61
SV Grading	Roads	0.08	0.01	0.04	0.00	0.56	0.53
SV Landscaping	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
SV Landscaping	Roads	0.11	0.01	0.05	0.01	0.55	0.53
SV Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
SV Paving	Roads	0.09	0.01	0.04	0.00	0.55	0.53
SV Site Prep	Fugitive Dust	0.21	0.11	0.08	0.04	0.61	0.61

SV Site Prep	Roads	0.04	0.00	0.02	0.00	0.56	0.53
SV Utilities	Fugitive Dust	2.37	1.30	0.92	0.51	0.61	0.61
SV Utilities	Roads	0.24	0.03	0.11	0.01	0.56	0.53

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			

No	Land Use	Improve Destination Accessibility	0.00		
No	Land Use	Increase Transit Accessibility	0.25		
No	Land Use	Integrate Below Market Rate Housing	0.00		
	Land Use	Land Use SubTotal	0.00		
No	Neighborhood Enhancements	Improve Pedestrian Network			
No	Neighborhood Enhancements	Provide Traffic Calming Measures			
No	Neighborhood Enhancements	Implement NEV Network	0.00		
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00		
No	Parking Policy Pricing	Limit Parking Supply	0.00		
No	Parking Policy Pricing	Unbundle Parking Costs	0.00		
No	Parking Policy Pricing	On-street Market Pricing	0.00		
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00		
No	Transit Improvements	Provide BRT System	0.00		
No	Transit Improvements	Expand Transit Network	0.00		
No	Transit Improvements	Increase Transit Frequency	0.00		
	Transit Improvements	Transit Improvements Subtotal	0.00		
		Land Use and Site Enhancement Subtotal	0.00		
No	Commute	Implement Trip Reduction Program			
No	Commute	Transit Subsidy			
No	Commute	Implement Employee Parking "Cash Out"			
No	Commute	Workplace Parking Charge			
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00		

No	Commute	Market Commute Trip Reduction Option	0.00		
No	Commute	Employee Vanpool/Shuttle	0.00		2.00
No	Commute	Provide Ride Sharing Program			
	Commute	Commute Subtotal	0.00		
No	School Trip	Implement School Bus Program	0.00		
		Total VMT Reduction	0.00		

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	0.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		

No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
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Institute Recycling and Composting Services Percent Reduction in Waste Disposed	
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CalEEMod Input Sheet
Project Characteristics

Table 1: Project Detail

Table 1: Project Detail			
Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR - Offsite	Notes	Project Description
Project Location	San Diego County	--	
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Jul-19	Offsite Schedule	Proctor Valley EIR Assumptions
Operational Year	N/A		

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	N/A		
CO2 Intensity Factor (lb./Mwh)			
CH4 Intensity Factor (lb./Mwh)			
N2O Intensity Factor (lb./Mwh)			

CalEEMod Input Sheet
Project Characteristics

Table 3: Pollutants			
Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
SV Site Prep	Site Preparation	1-Jul-19	31-Jul-19	5 days/week	23
SV Grading	Grading	1-Aug-19	30-Sep-19	5 days/week	43
SV Utilities	Site Preparation	1-Oct-19	31-Mar-20	5 days/week	131
SV Paving	Paving	1-Apr-20	31-May-20	5 days/week	43
SV Landscaping	Site Preparation	1-May-20	30-Sep-20	5 days/week	109
SCV Site Prep	Site Preparation	1-Nov-20	30-Nov-20	5 days/week	21
SCV Grading	Grading	1-Dec-20	31-Dec-20	5 days/week	23
SCV Utilities	Site Preparation	1-Jan-21	30-Jun-21	5 days/week	129
SCV Paving	Paving	1-Jul-21	31-Jul-21	5 days/week	22
SCV Landscaping	Site Preparation	1-Aug-21	31-Aug-21	5 days/week	22
CV Site Prep	Site Preparation	1-Jun-22	30-Jun-22	5 days/week	22
CV Grading	Grading	1-Jul-22	31-Jul-22	5 days/week	21
CV Utilities	Site Preparation	1-Jul-22	31-Dec-22	5 days/week	131
CV Paving	Paving	1-Dec-22	31-Dec-22	5 days/week	22
CV Landscaping	Site Preparation	1-Jan-23	28-Feb-23	5 days/week	42
NV Grading	Grading	1-Apr-23	21-May-23	5 days/week	35
NV Utilities	Site Preparation	1-May-23	31-Jul-23	5 days/week	66
NV Paving	Paving	1-Jul-23	31-Jul-23	5 days/week	21
NV Landscaping	Site Preparation	1-Aug-23	30-Sep-23	5 days/week	44

CalEEMod Input Sheet
Construction Phase

Table 6: Off-Road Equipment

Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor
SV Site Prep			default		
SV Grading					
SV Utilities					
SV Paving					
SV Landscaping	Skid Steer	2		default	
SCV Site Prep			default		
SCV Grading					
SCV Utilities					
SCV Paving					
SCV Landscaping	Skid Steer	2		default	
CV Site Prep			default		
CV Grading					
CV Utilities					
CV Paving					
CV Landscaping	Skid Steer	2		default	
NV Grading			default		
NV Utilities					
NV Paving					
NV Landscaping	Skid Steer	2		default	

CalEEMod Input Sheet
Construction Phase

Table 7: Dust from Material Movement								
Phase Name	Material Imported	Material Exported	Size Metric	Material Import/ Export Phased?	Mean Vehicle Speed (mph)	Total Acres Graded	Material Moisture Content (%) Bulldozing	Material Silt Content
SV Grading	default					23.2	default	
SCV Grading						5.3		
CV Grading						7.2		
NV Grading						12.6		

Table 8: Demolition		
Phase Name	Size Metric	Unit Amount
default		

**CalEEMod Input Sheet
Construction Phase**

Table 9: Construction Trips and VMT

Phase Name	# Trips Worker (/day)	# Trips Vendor (/day)	Total # Trips Hauling	Trip Length Worker (miles)	Trip Length Worker (miles)	Trip Length Hauling (miles)	Vehicle Class Worker	Vehicle Class Vendor	Vehicle Class Hauling
SV Site Prep									
SV Grading									
SV Utilities									
SV Paving									
SV Landscaping									
SCV Site Prep									
SCV Grading									
SCV Utilities									
SCV Paving									
SCV Landscaping									
CV Site Prep									
CV Grading									
CV Utilities									
CV Paving									
CV Landscaping									
NV Grading									
NV Utilities									
NV Paving									
NV Landscaping									

Refer to Construction VMT Worksheet

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment

Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust

Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

Proctor Valley Road
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	48.24	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - total graded area

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Woodstoves - No operational emissions

Consumer Products - No operational emissions

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Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	55.00	21.00
tblConstructionPhase	NumDays	55.00	45.00
tblConstructionPhase	NumDays	55.00	22.00
tblConstructionPhase	NumDays	55.00	23.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	21.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	21.00
tblConstructionPhase	NumDays	30.00	19.00
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-11

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tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	LotAcreage	0.00	48.24
tblOffRoadEquipment	HorsePower	402.00	97.00
tblOffRoadEquipment	LoadFactor	0.38	0.37
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Off-Highway Trucks
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.2686	45.0039	24.5281	0.0435	18.1262	2.2919	20.4181	9.9472	2.1086	12.0558	0.0000	4,231.669 2	4,231.669 2	1.3315	0.0000	4,264.956 4
2021	1.3188	13.9549	15.1416	0.0261	0.1334	0.6804	0.8138	0.0369	0.6261	0.6630	0.0000	2,552.194 0	2,552.194 0	0.7377	0.0000	2,570.637 1
2022	3.3361	35.3336	22.6741	0.0435	18.1262	1.6826	19.8088	9.9472	1.5480	11.4952	0.0000	4,228.746 4	4,228.746 4	1.3311	0.0000	4,262.024 8
2023	2.8129	29.5636	21.1997	0.0435	18.1262	1.3251	19.4513	9.9472	1.2191	11.1663	0.0000	4,226.244 1	4,226.244 1	1.3308	0.0000	4,259.513 2
Maximum	4.2686	45.0039	24.5281	0.0435	18.1262	2.2919	20.4181	9.9472	2.1086	12.0558	0.0000	4,231.669 2	4,231.669 2	1.3315	0.0000	4,264.956 4

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.8308	14.9482	26.3333	0.0435	18.1262	0.1596	18.2858	9.9472	0.1595	10.1067	0.0000	4,231.669 2	4,231.669 2	1.3315	0.0000	4,264.956 4
2021	0.3973	11.0752	17.7841	0.0261	0.1334	0.0401	0.1735	0.0369	0.0399	0.0769	0.0000	2,552.194 0	2,552.194 0	0.7377	0.0000	2,570.637 1
2022	0.8253	14.8793	26.3009	0.0435	18.1262	0.1581	18.2843	9.9472	0.1580	10.1052	0.0000	4,228.746 4	4,228.746 4	1.3311	0.0000	4,262.024 8
2023	0.8218	14.7965	26.2835	0.0435	18.1262	0.1577	18.2839	9.9472	0.1577	10.1049	0.0000	4,226.244 1	4,226.244 1	1.3308	0.0000	4,259.513 2
Maximum	0.8308	14.9482	26.3333	0.0435	18.1262	0.1596	18.2858	9.9472	0.1595	10.1067	0.0000	4,231.669 2	4,231.669 2	1.3315	0.0000	4,264.956 4

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	75.50	55.03	-15.75	0.00	0.00	91.38	9.03	0.00	90.64	14.09	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	2.4900e-003	9.5000e-004	0.0826	0.0000	0.0000	4.6000e-004	4.6000e-004	0.0000	4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	2.4900e-003	9.5000e-004	0.0826	0.0000	0.0000	4.6000e-004	4.6000e-004	0.0000	4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521

[illegible]

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	South Paving	Paving	5/1/2020	5/31/2020	5	21	
2	South Landscaping	Site Preparation	6/1/2020	6/30/2020	5	22	
3	Central Paving	Paving	11/1/2021	12/31/2021	5	45	
4	Central Landscaping	Site Preparation	1/1/2022	1/31/2022	5	21	
5	North Paving	Paving	1/1/2023	1/31/2023	5	22	
6	North Landscaping	Site Preparation	2/1/2023	2/28/2023	5	20	
7	PA 16/19 Paving	Paving	8/1/2023	8/31/2023	5	23	
8	PA 16/19 Landscaping	Site Preparation	9/1/2023	9/29/2023	5	21	
9	South PVR Haul	Site Preparation	9/4/2020	9/30/2020	5	19	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

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OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
South Paving	Pavers	2	8.00	130	0.42
South Paving	Paving Equipment	2	8.00	132	0.36
South Paving	Rollers	2	8.00	80	0.38
South Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
South Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Central Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
Central Paving	Pavers	2	8.00	130	0.42
Central Paving	Paving Equipment	2	8.00	132	0.36
Central Paving	Rollers	2	8.00	80	0.38
North Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
PA 16/19 Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
North Paving	Pavers	2	8.00	130	0.42
North Paving	Paving Equipment	2	8.00	132	0.36
North Paving	Rollers	2	8.00	80	0.38
South PVR Haul	Rubber Tired Dozers	3	8.00	247	0.40
North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
PA 16/19 Paving	Pavers	2	8.00	130	0.42
PA 16/19 Paving	Paving Equipment	2	8.00	132	0.36
PA 16/19 Paving	Rollers	2	8.00	80	0.38
Central Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
PA 16/19 Landscaping	Skid Steer Loaders	2	8.00	65	0.37
North Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
PA 16/19 Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
South PVR Haul	Off-Highway Trucks	4	8.00	97	0.37
South PVR Haul	Tractors/Loaders/Backhoes	4	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
South Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Central Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Central Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
PA 16/19 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
PA 16/19 Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South PVR Haul	11	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 South Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.733 4	2,207.733 4	0.7140		2,225.584 1
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.733 4	2,207.733 4	0.7140		2,225.584 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	0.0677	5.6200e-003	0.0733	0.0195	5.3800e-003	0.0249		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	0.0657	4.6000e-004	0.0662	0.0174	4.2000e-004	0.0179		63.2906	63.2906	1.9100e-003		63.3382
Total	0.0724	1.1489	0.5326	3.3100e-003	0.1334	6.0800e-003	0.1395	0.0369	5.8000e-003	0.0427		349.7528	349.7528	0.0250		350.3767

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0391	1.1267	0.3188	2.6700e-003	0.0677	5.6200e-003	0.0733	0.0195	5.3800e-003	0.0249		286.4622	286.4622	0.0231		287.0385
Worker	0.0333	0.0222	0.2138	6.4000e-004	0.0657	4.6000e-004	0.0662	0.0174	4.2000e-004	0.0179		63.2906	63.2906	1.9100e-003		63.3382
Total	0.0724	1.1489	0.5326	3.3100e-003	0.1334	6.0800e-003	0.1395	0.0369	5.8000e-003	0.0427		349.7528	349.7528	0.0250		350.3767

3.3 South Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2363	44.5421	24.2937	0.0422		2.2894	2.2894		2.1062	2.1062		4,085.4390	4,085.4390	1.3213		4,118.4719
Total	4.2363	44.5421	24.2937	0.0422	18.0663	2.2894	20.3557	9.9307	2.1062	12.0369		4,085.4390	4,085.4390	1.3213		4,118.4719

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.0271	2.2500e-003	0.0293	7.8000e-003	2.1500e-003	9.9500e-003		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.0329	2.3000e-004	0.0331	8.7200e-003	2.1000e-004	8.9300e-003		31.6453	31.6453	9.5000e-004		31.6691
Total	0.0323	0.4618	0.2344	1.3900e-003	0.0599	2.4800e-003	0.0624	0.0165	2.3600e-003	0.0189		146.2302	146.2302	0.0102		146.4845

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.7985	14.4865	26.0989	0.0422		0.1571	0.1571		0.1571	0.1571	0.0000	4,085.4390	4,085.4390	1.3213		4,118.4719
Total	0.7985	14.4865	26.0989	0.0422	18.0663	0.1571	18.2234	9.9307	0.1571	10.0878	0.0000	4,085.4390	4,085.4390	1.3213		4,118.4719

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0157	0.4507	0.1275	1.0700e-003	0.0271	2.2500e-003	0.0293	7.8000e-003	2.1500e-003	9.9500e-003		114.5849	114.5849	9.2200e-003		114.8154
Worker	0.0166	0.0111	0.1069	3.2000e-004	0.0329	2.3000e-004	0.0331	8.7200e-003	2.1000e-004	8.9300e-003		31.6453	31.6453	9.5000e-004		31.6691
Total	0.0323	0.4618	0.2344	1.3900e-003	0.0599	2.4800e-003	0.0624	0.0165	2.3600e-003	0.0189		146.2302	146.2302	0.0102		146.4845

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3.4 Central Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	0.0677	2.2300e-003	0.0699	0.0195	2.1300e-003	0.0216		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		61.1638	61.1638	1.7600e-003		61.2077
Total	0.0633	1.0358	0.4884	3.2500e-003	0.1334	2.6800e-003	0.1361	0.0369	2.5500e-003	0.0395		344.9831	344.9831	0.0239		345.5798

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0319	1.0156	0.2890	2.6400e-003	0.0677	2.2300e-003	0.0699	0.0195	2.1300e-003	0.0216		283.8193	283.8193	0.0221		284.3721
Worker	0.0314	0.0202	0.1995	6.1000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		61.1638	61.1638	1.7600e-003		61.2077
Total	0.0633	1.0358	0.4884	3.2500e-003	0.1334	2.6800e-003	0.1361	0.0369	2.5500e-003	0.0395		344.9831	344.9831	0.0239		345.5798

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3.5 Central Landscaping - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.3094	34.9407	22.4722	0.0422		1.6816	1.6816		1.5471	1.5471		4,086.844 4	4,086.844 4	1.3218		4,119.888 6
Total	3.3094	34.9407	22.4722	0.0422	18.0663	1.6816	19.7479	9.9307	1.5471	11.4778		4,086.844 4	4,086.844 4	1.3218		4,119.888 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.0271	7.7000e-004	0.0279	7.8000e-003	7.3000e-004	8.5300e-003		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	0.0599	9.9000e-004	0.0609	0.0165	9.3000e-004	0.0175		141.9021	141.9021	9.3600e-003		142.1362

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.7985	14.4865	26.0989	0.0422		0.1571	0.1571		0.1571	0.1571	0.0000	4,086.844 4	4,086.844 4	1.3218		4,119.888 6
Total	0.7985	14.4865	26.0989	0.0422	18.0663	0.1571	18.2234	9.9307	0.1571	10.0878	0.0000	4,086.844 4	4,086.844 4	1.3218		4,119.888 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0119	0.3836	0.1094	1.0400e-003	0.0271	7.7000e-004	0.0279	7.8000e-003	7.3000e-004	8.5300e-003		112.4411	112.4411	8.5600e-003		112.6551
Worker	0.0149	9.2000e-003	0.0925	3.0000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		29.4610	29.4610	8.0000e-004		29.4811
Total	0.0267	0.3928	0.2020	1.3400e-003	0.0599	9.9000e-004	0.0609	0.0165	9.3000e-004	0.0175		141.9021	141.9021	9.3600e-003		142.1362

3.6 North Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.0677	9.4000e-004	0.0686	0.0195	9.0000e-004	0.0204		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	0.1334	1.3800e-003	0.1348	0.0369	1.3000e-003	0.0382		330.7410	330.7410	0.0210		331.2649

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.0677	9.4000e-004	0.0686	0.0195	9.0000e-004	0.0204		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	0.1334	1.3800e-003	0.1348	0.0369	1.3000e-003	0.0382		330.7410	330.7410	0.0210		331.2649

3.7 North Landscaping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.7896	29.2535	21.0151	0.0422		1.3245	1.3245		1.2186	1.2186		4,088.2806	4,088.2806	1.3222		4,121.3364
Total	2.7896	29.2535	21.0151	0.0422	18.0663	1.3245	19.3908	9.9307	1.2186	11.1492		4,088.2806	4,088.2806	1.3222		4,121.3364

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.0271	3.8000e-004	0.0275	7.7900e-003	3.6000e-004	8.1600e-003		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	0.0599	6.0000e-004	0.0605	0.0165	5.6000e-004	0.0171		137.9636	137.9636	8.5300e-003		138.1768

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.7985	14.4865	26.0989	0.0422		0.1571	0.1571		0.1571	0.1571	0.0000	4,088.2806	4,088.2806	1.3222		4,121.3364
Total	0.7985	14.4865	26.0989	0.0422	18.0663	0.1571	18.2234	9.9307	0.1571	10.0878	0.0000	4,088.2806	4,088.2806	1.3222		4,121.3364

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.0271	3.8000e-004	0.0275	7.7900e-003	3.6000e-004	8.1600e-003		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	0.0599	6.0000e-004	0.0605	0.0165	5.6000e-004	0.0171		137.9636	137.9636	8.5300e-003		138.1768

3.8 PA 16/19 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.0677	9.4000e-004	0.0686	0.0195	9.0000e-004	0.0204		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	0.1334	1.3800e-003	0.1348	0.0369	1.3000e-003	0.0382		330.7410	330.7410	0.0210		331.2649

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5841	2,207.5841	0.7140		2,225.4336

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0229	0.7542	0.2471	2.5400e-003	0.0677	9.4000e-004	0.0686	0.0195	9.0000e-004	0.0204		274.0693	274.0693	0.0195		274.5564
Worker	0.0282	0.0168	0.1716	5.7000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		56.6717	56.6717	1.4700e-003		56.7085
Total	0.0511	0.7710	0.4187	3.1100e-003	0.1334	1.3800e-003	0.1348	0.0369	1.3000e-003	0.0382		330.7410	330.7410	0.0210		331.2649

3.9 PA 16/19 Landscaping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.7896	29.2535	21.0151	0.0422		1.3245	1.3245		1.2186	1.2186		4,088.2806	4,088.2806	1.3222		4,121.3364
Total	2.7896	29.2535	21.0151	0.0422	18.0663	1.3245	19.3908	9.9307	1.2186	11.1492		4,088.2806	4,088.2806	1.3222		4,121.3364

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.0271	3.8000e-004	0.0275	7.7900e-003	3.6000e-004	8.1600e-003		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	0.0599	6.0000e-004	0.0605	0.0165	5.6000e-004	0.0171		137.9636	137.9636	8.5300e-003		138.1768

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.7985	14.4865	26.0989	0.0422		0.1571	0.1571		0.1571	0.1571	0.0000	4,088.2806	4,088.2806	1.3222		4,121.3364
Total	0.7985	14.4865	26.0989	0.0422	18.0663	0.1571	18.2234	9.9307	0.1571	10.0878	0.0000	4,088.2806	4,088.2806	1.3222		4,121.3364

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	9.1600e-003	0.3017	0.0989	1.0200e-003	0.0271	3.8000e-004	0.0275	7.7900e-003	3.6000e-004	8.1600e-003		109.6277	109.6277	7.7900e-003		109.8226
Worker	0.0141	8.4000e-003	0.0858	2.8000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		28.3359	28.3359	7.4000e-004		28.3542
Total	0.0233	0.3101	0.1846	1.3000e-003	0.0599	6.0000e-004	0.0605	0.0165	5.6000e-004	0.0171		137.9636	137.9636	8.5300e-003		138.1768

3.10 South PVR Haul - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Proctor Valley Road - San Diego County, Winter
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	0.6967	12.1620	22.9600	0.0380	18.0663	0.0621	18.1283	9.9307	0.0621	9.9928	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Proctor Valley Road
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Residential	1.00	Dwelling Unit	48.24	0.00	3

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2022
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - total graded area

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Woodstoves - No operational emissions

Consumer Products - No operational emissions

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Proctor Valley Road - San Diego County, Summer
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Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	20.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	55.00	21.00
tblConstructionPhase	NumDays	55.00	45.00
tblConstructionPhase	NumDays	55.00	22.00
tblConstructionPhase	NumDays	55.00	23.00
tblConstructionPhase	NumDays	30.00	22.00
tblConstructionPhase	NumDays	30.00	21.00
tblConstructionPhase	NumDays	30.00	20.00
tblConstructionPhase	NumDays	30.00	21.00
tblConstructionPhase	NumDays	30.00	19.00
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	1E-11

Proctor Valley Road - San Diego County, Summer
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tblFireplaces	NumberGas	0.55	0.00
tblFireplaces	NumberNoFireplace	0.10	0.00
tblFireplaces	NumberWood	0.35	0.00
tblLandUse	LotAcreage	0.00	48.24
tblOffRoadEquipment	HorsePower	402.00	97.00
tblOffRoadEquipment	LoadFactor	0.38	0.37
tblOffRoadEquipment	OffRoadEquipmentType	Tractors/Loaders/Backhoes	Off-Highway Trucks
tblProjectCharacteristics	OperationalYear	2018	2022
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	23.00	4.00
tblTripsAndVMT	WorkerTripNumber	28.00	0.00
tblWoodstoves	NumberCatalytic	0.05	0.00
tblWoodstoves	NumberNoncatalytic	0.05	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	4.2659	45.0030	24.5220	0.0436	18.1262	2.2918	20.4180	9.9472	2.1086	12.0558	0.0000	4,236.7649	4,236.7649	1.3310	0.0000	4,270.0399
2021	1.3135	13.9554	15.1249	0.0262	0.1334	0.6803	0.8137	0.0369	0.6260	0.6629	0.0000	2,563.7181	2,563.7181	0.7365	0.0000	2,582.1315
2022	3.3337	35.3339	22.6691	0.0436	18.1262	1.6826	19.8087	9.9472	1.5480	11.4952	0.0000	4,233.6723	4,233.6723	1.3307	0.0000	4,266.9396
2023	2.8107	29.5641	21.1968	0.0436	18.1262	1.3251	19.4513	9.9472	1.2191	11.1663	0.0000	4,230.9900	4,230.9900	1.3304	0.0000	4,264.2501
Maximum	4.2659	45.0030	24.5220	0.0436	18.1262	2.2918	20.4180	9.9472	2.1086	12.0558	0.0000	4,236.7649	4,236.7649	1.3310	0.0000	4,270.0399

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.8282	14.9474	26.3272	0.0436	18.1262	0.1595	18.2857	9.9472	0.1594	10.1066	0.0000	4,236.7649	4,236.7649	1.3310	0.0000	4,270.0399
2021	0.3920	11.0757	17.7674	0.0262	0.1334	0.0400	0.1734	0.0369	0.0399	0.0768	0.0000	2,563.7181	2,563.7181	0.7365	0.0000	2,582.1314
2022	0.8229	14.8796	26.2959	0.0436	18.1262	0.1581	18.2842	9.9472	0.1580	10.1052	0.0000	4,233.6723	4,233.6723	1.3307	0.0000	4,266.9396
2023	0.8196	14.7970	26.2806	0.0436	18.1262	0.1577	18.2839	9.9472	0.1576	10.1048	0.0000	4,230.9900	4,230.9900	1.3304	0.0000	4,264.2501
Maximum	0.8282	14.9474	26.3272	0.0436	18.1262	0.1595	18.2857	9.9472	0.1594	10.1066	0.0000	4,236.7649	4,236.7649	1.3310	0.0000	4,270.0399

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	75.58	55.03	-15.76	0.00	0.00	91.38	9.03	0.00	90.64	14.09	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	2.4900e-003	9.5000e-004	0.0826	0.0000	0.0000	4.6000e-004	4.6000e-004	0.0000	4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	2.4900e-003	9.5000e-004	0.0826	0.0000		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	2.4900e-003	9.5000e-004	0.0826	0.0000	0.0000	4.6000e-004	4.6000e-004	0.0000	4.6000e-004	4.6000e-004	0.0000	0.1486	0.1486	1.4000e-004	0.0000	0.1521

[illegible]

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	South Paving	Paving	5/1/2020	5/31/2020	5	21	
2	South Landscaping	Site Preparation	6/1/2020	6/30/2020	5	22	
3	Central Paving	Paving	11/1/2021	12/31/2021	5	45	
4	Central Landscaping	Site Preparation	1/1/2022	1/31/2022	5	21	
5	North Paving	Paving	1/1/2023	1/31/2023	5	22	
6	North Landscaping	Site Preparation	2/1/2023	2/28/2023	5	20	
7	PA 16/19 Paving	Paving	8/1/2023	8/31/2023	5	23	
8	PA 16/19 Landscaping	Site Preparation	9/1/2023	9/29/2023	5	21	
9	South PVR Haul	Site Preparation	9/4/2020	9/30/2020	5	19	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

Proctor Valley Road - San Diego County, Summer
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OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
South Paving	Pavers	2	8.00	130	0.42
South Paving	Paving Equipment	2	8.00	132	0.36
South Paving	Rollers	2	8.00	80	0.38
South Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
South Landscaping	Skid Steer Loaders	2	8.00	65	0.37
Central Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
Central Paving	Pavers	2	8.00	130	0.42
Central Paving	Paving Equipment	2	8.00	132	0.36
Central Paving	Rollers	2	8.00	80	0.38
North Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
Central Landscaping	Skid Steer Loaders	2	8.00	65	0.37
PA 16/19 Landscaping	Rubber Tired Dozers	3	8.00	247	0.40
North Paving	Pavers	2	8.00	130	0.42
North Paving	Paving Equipment	2	8.00	132	0.36
North Paving	Rollers	2	8.00	80	0.38
South PVR Haul	Rubber Tired Dozers	3	8.00	247	0.40
North Landscaping	Skid Steer Loaders	2	8.00	65	0.37
South Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
PA 16/19 Paving	Pavers	2	8.00	130	0.42
PA 16/19 Paving	Paving Equipment	2	8.00	132	0.36
PA 16/19 Paving	Rollers	2	8.00	80	0.38
Central Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
PA 16/19 Landscaping	Skid Steer Loaders	2	8.00	65	0.37
North Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
PA 16/19 Landscaping	Tractors/Loaders/Backhoes	4	8.00	97	0.37
South PVR Haul	Off-Highway Trucks	4	8.00	97	0.37
South PVR Haul	Tractors/Loaders/Backhoes	4	8.00	97	0.37

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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
South Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Central Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Central Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
North Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
PA 16/19 Paving	6	8.00	10.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
PA 16/19 Landscaping	9	4.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
South PVR Haul	11	0.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 South Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.733 4	2,207.733 4	0.7140		2,225.584 1
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.733 4	2,207.733 4	0.7140		2,225.584 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	0.0677	5.5200e-003	0.0732	0.0195	5.2800e-003	0.0248		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	0.0657	4.6000e-004	0.0662	0.0174	4.2000e-004	0.0179		67.4198	67.4198	2.0100e-003		67.4701
Total	0.0667	1.1474	0.5140	3.4200e-003	0.1334	5.9800e-003	0.1394	0.0369	5.7000e-003	0.0426		361.4598	361.4598	0.0237		362.0525

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0374	1.1276	0.2873	2.7400e-003	0.0677	5.5200e-003	0.0732	0.0195	5.2800e-003	0.0248		294.0401	294.0401	0.0217		294.5824
Worker	0.0294	0.0198	0.2268	6.8000e-004	0.0657	4.6000e-004	0.0662	0.0174	4.2000e-004	0.0179		67.4198	67.4198	2.0100e-003		67.4701
Total	0.0667	1.1474	0.5140	3.4200e-003	0.1334	5.9800e-003	0.1394	0.0369	5.7000e-003	0.0426		361.4598	361.4598	0.0237		362.0525

3.3 South Landscaping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.2363	44.5421	24.2937	0.0422		2.2894	2.2894		2.1062	2.1062		4,085.4390	4,085.4390	1.3213		4,118.4719
Total	4.2363	44.5421	24.2937	0.0422	18.0663	2.2894	20.3557	9.9307	2.1062	12.0369		4,085.4390	4,085.4390	1.3213		4,118.4719

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.0271	2.2100e-003	0.0293	7.8000e-003	2.1100e-003	9.9100e-003		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.0329	2.3000e-004	0.0331	8.7200e-003	2.1000e-004	8.9300e-003		33.7099	33.7099	1.0100e-003		33.7351
Total	0.0296	0.4609	0.2283	1.4400e-003	0.0599	2.4400e-003	0.0624	0.0165	2.3200e-003	0.0188		151.3259	151.3259	9.6900e-003		151.5680

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.7985	14.4865	26.0989	0.0422		0.1571	0.1571		0.1571	0.1571	0.0000	4,085.4390	4,085.4390	1.3213		4,118.4719
Total	0.7985	14.4865	26.0989	0.0422	18.0663	0.1571	18.2234	9.9307	0.1571	10.0878	0.0000	4,085.4390	4,085.4390	1.3213		4,118.4719

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0150	0.4510	0.1149	1.1000e-003	0.0271	2.2100e-003	0.0293	7.8000e-003	2.1100e-003	9.9100e-003		117.6160	117.6160	8.6800e-003		117.8330
Worker	0.0147	9.8900e-003	0.1134	3.4000e-004	0.0329	2.3000e-004	0.0331	8.7200e-003	2.1000e-004	8.9300e-003		33.7099	33.7099	1.0100e-003		33.7351
Total	0.0296	0.4609	0.2283	1.4400e-003	0.0599	2.4400e-003	0.0624	0.0165	2.3200e-003	0.0188		151.3259	151.3259	9.6900e-003		151.5680

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3.4 Central Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	0.0677	2.1400e-003	0.0698	0.0195	2.0500e-003	0.0215		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		65.1553	65.1553	1.8600e-003		65.2018
Total	0.0579	1.0363	0.4717	3.3600e-003	0.1334	2.5900e-003	0.1360	0.0369	2.4700e-003	0.0394		356.5072	356.5072	0.0227		357.0742

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0302	1.0183	0.2595	2.7100e-003	0.0677	2.1400e-003	0.0698	0.0195	2.0500e-003	0.0215		291.3520	291.3520	0.0208		291.8724
Worker	0.0277	0.0180	0.2122	6.5000e-004	0.0657	4.5000e-004	0.0662	0.0174	4.2000e-004	0.0179		65.1553	65.1553	1.8600e-003		65.2018
Total	0.0579	1.0363	0.4717	3.3600e-003	0.1334	2.5900e-003	0.1360	0.0369	2.4700e-003	0.0394		356.5072	356.5072	0.0227		357.0742

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3.5 Central Landscaping - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.3094	34.9407	22.4722	0.0422		1.6816	1.6816		1.5471	1.5471		4,086.844 4	4,086.844 4	1.3218		4,119.888 6
Total	3.3094	34.9407	22.4722	0.0422	18.0663	1.6816	19.7479	9.9307	1.5471	11.4778		4,086.844 4	4,086.844 4	1.3218		4,119.888 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.0271	7.4000e-004	0.0278	7.8000e-003	7.0000e-004	8.5000e-003		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	0.0599	9.6000e-004	0.0609	0.0165	9.0000e-004	0.0174		146.8279	146.8279	8.9200e-003		147.0510

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.7985	14.4865	26.0989	0.0422		0.1571	0.1571		0.1571	0.1571	0.0000	4,086.844 4	4,086.844 4	1.3218		4,119.888 6
Total	0.7985	14.4865	26.0989	0.0422	18.0663	0.1571	18.2234	9.9307	0.1571	10.0878	0.0000	4,086.844 4	4,086.844 4	1.3218		4,119.888 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0113	0.3849	0.0983	1.0700e-003	0.0271	7.4000e-004	0.0278	7.8000e-003	7.0000e-004	8.5000e-003		115.4455	115.4455	8.0700e-003		115.6473
Worker	0.0131	8.2000e-003	0.0987	3.1000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		31.3824	31.3824	8.5000e-004		31.4037
Total	0.0243	0.3931	0.1970	1.3800e-003	0.0599	9.6000e-004	0.0609	0.0165	9.0000e-004	0.0174		146.8279	146.8279	8.9200e-003		147.0510

3.6 North Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.0677	8.9000e-004	0.0686	0.0195	8.5000e-004	0.0203		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	0.1334	1.3300e-003	0.1347	0.0369	1.2500e-003	0.0382		341.6824	341.6824	0.0200		342.1833

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.0677	8.9000e-004	0.0686	0.0195	8.5000e-004	0.0203		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	0.1334	1.3300e-003	0.1347	0.0369	1.2500e-003	0.0382		341.6824	341.6824	0.0200		342.1833

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3.7 North Landscaping - 2023
Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.7896	29.2535	21.0151	0.0422		1.3245	1.3245		1.2186	1.2186		4,088.2806	4,088.2806	1.3222		4,121.3364
Total	2.7896	29.2535	21.0151	0.0422	18.0663	1.3245	19.3908	9.9307	1.2186	11.1492		4,088.2806	4,088.2806	1.3222		4,121.3364

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.0271	3.6000e-004	0.0274	7.7900e-003	3.4000e-004	8.1400e-003		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	0.0599	5.8000e-004	0.0605	0.0165	5.4000e-004	0.0171		142.7095	142.7095	8.1700e-003		142.9138

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.7985	14.4865	26.0989	0.0422		0.1571	0.1571		0.1571	0.1571	0.0000	4,088.2806	4,088.2806	1.3222		4,121.3364
Total	0.7985	14.4865	26.0989	0.0422	18.0663	0.1571	18.2234	9.9307	0.1571	10.0878	0.0000	4,088.2806	4,088.2806	1.3222		4,121.3364

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.0271	3.6000e-004	0.0274	7.7900e-003	3.4000e-004	8.1400e-003		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	0.0599	5.8000e-004	0.0605	0.0165	5.4000e-004	0.0171		142.7095	142.7095	8.1700e-003		142.9138

3.8 PA 16/19 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.0327	10.1917	14.5842	0.0228		0.5102	0.5102		0.4694	0.4694		2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.0677	8.9000e-004	0.0686	0.0195	8.5000e-004	0.0203		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	0.1334	1.3300e-003	0.1347	0.0369	1.2500e-003	0.0382		341.6824	341.6824	0.0200		342.1833

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.584 1	2,207.584 1	0.7140		2,225.433 6

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0217	0.7576	0.2251	2.6000e-003	0.0677	8.9000e-004	0.0686	0.0195	8.5000e-004	0.0203		281.3170	281.3170	0.0185		281.7789
Worker	0.0248	0.0150	0.1833	6.1000e-004	0.0657	4.4000e-004	0.0662	0.0174	4.0000e-004	0.0178		60.3654	60.3654	1.5600e-003		60.4044
Total	0.0465	0.7726	0.4084	3.2100e-003	0.1334	1.3300e-003	0.1347	0.0369	1.2500e-003	0.0382		341.6824	341.6824	0.0200		342.1833

Proctor Valley Road - San Diego County, Summer
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3.9 PA 16/19 Landscaping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.7896	29.2535	21.0151	0.0422		1.3245	1.3245		1.2186	1.2186		4,088.2806	4,088.2806	1.3222		4,121.3364
Total	2.7896	29.2535	21.0151	0.0422	18.0663	1.3245	19.3908	9.9307	1.2186	11.1492		4,088.2806	4,088.2806	1.3222		4,121.3364

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.0271	3.6000e-004	0.0274	7.7900e-003	3.4000e-004	8.1400e-003		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	0.0599	5.8000e-004	0.0605	0.0165	5.4000e-004	0.0171		142.7095	142.7095	8.1700e-003		142.9138

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.7985	14.4865	26.0989	0.0422		0.1571	0.1571		0.1571	0.1571	0.0000	4,088.2806	4,088.2806	1.3222		4,121.3364
Total	0.7985	14.4865	26.0989	0.0422	18.0663	0.1571	18.2234	9.9307	0.1571	10.0878	0.0000	4,088.2806	4,088.2806	1.3222		4,121.3364

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.6700e-003	0.3030	0.0901	1.0400e-003	0.0271	3.6000e-004	0.0274	7.7900e-003	3.4000e-004	8.1400e-003		112.5268	112.5268	7.3900e-003		112.7116
Worker	0.0124	7.4900e-003	0.0916	3.0000e-004	0.0329	2.2000e-004	0.0331	8.7200e-003	2.0000e-004	8.9200e-003		30.1827	30.1827	7.8000e-004		30.2022
Total	0.0211	0.3105	0.1817	1.3400e-003	0.0599	5.8000e-004	0.0605	0.0165	5.4000e-004	0.0171		142.7095	142.7095	8.1700e-003		142.9138

Proctor Valley Road - San Diego County, Summer
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3.10 South PVR Haul - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.0765	42.4173	21.5136	0.0380		2.1974	2.1974		2.0216	2.0216		3,685.1016	3,685.1016	1.1918		3,714.8975
Total	4.0765	42.4173	21.5136	0.0380	18.0663	2.1974	20.2637	9.9307	2.0216	11.9523		3,685.1016	3,685.1016	1.1918		3,714.8975

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Proctor Valley Road - San Diego County, Summer
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975
Total	0.6967	12.1620	22.9600	0.0380	18.0663	0.0621	18.1283	9.9307	0.0621	9.9928	0.0000	3,685.1016	3,685.1016	1.1918		3,714.8975

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Proctor Valley Road
San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Central Landscaping	0.75	0.58	-0.16	0.00	0.91	0.90	0.00	0.00	0.00	0.00	0.00	0.00
Central Paving	0.70	0.21	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
North Landscaping	0.71	0.50	-0.24	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
North Paving	0.65	0.01	-0.18	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Landscaping	0.71	0.50	-0.24	0.00	0.88	0.87	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Paving	0.65	0.01	-0.18	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00
South Landscaping	0.81	0.67	-0.07	0.00	0.93	0.92	0.00	0.00	0.00	0.00	0.00	0.00
South Paving	0.72	0.26	-0.17	0.00	0.94	0.94	0.00	0.00	0.00	0.00	0.00	0.00
South PVR Haul	0.83	0.71	-0.07	0.00	0.97	0.97	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Pavers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Paving Equipment	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rollers	Diesel	Tier 4 Interim	8	8	No Change	0.00
Off-Highway Trucks	Diesel	Tier 4 Interim	4	4	No Change	0.00
Skid Steer Loaders	Diesel	Tier 4 Interim	8	8	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Interim	15	15	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	20	20	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Pavers	2.52300E-002	2.60520E-001	3.21320E-001	5.20000E-004	1.25000E-002	1.15000E-002	0.00000E+000	4.58339E+001	4.58339E+001	1.48200E-002	0.00000E+000	4.62045E+001
Paving Equipment	2.06800E-002	2.04410E-001	2.82640E-001	4.50000E-004	1.00700E-002	9.26000E-003	0.00000E+000	3.97226E+001	3.97226E+001	1.28500E-002	0.00000E+000	4.00437E+001
Rollers	1.98200E-002	2.02750E-001	2.07730E-001	2.90000E-004	1.20700E-002	1.11000E-002	0.00000E+000	2.55865E+001	2.55865E+001	8.28000E-003	0.00000E+000	2.57933E+001
Rubber Tired Dozers	1.34860E-001	1.41225E+000	5.57970E-001	1.32000E-003	6.70100E-002	6.16500E-002	0.00000E+000	1.15933E+002	1.15933E+002	3.74900E-002	0.00000E+000	1.16870E+002
Skid Steer Loaders	5.89000E-003	7.83200E-002	1.16510E-001	1.70000E-004	2.94000E-003	2.70000E-003	0.00000E+000	1.52696E+001	1.52696E+001	4.94000E-003	0.00000E+000	1.53931E+001
Tractors/Loaders/B ackhoes	3.65100E-002	3.68920E-001	4.63900E-001	6.40000E-004	2.09200E-002	1.92400E-002	0.00000E+000	5.62857E+001	5.62857E+001	1.82000E-002	0.00000E+000	5.67408E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Pavers	6.41000E-003	2.29810E-001	3.95500E-001	5.20000E-004	8.60000E-004	8.60000E-004	0.00000E+000	4.58339E+001	4.58339E+001	1.48200E-002	0.00000E+000	4.62044E+001
Paving Equipment	5.58000E-003	2.00010E-001	3.44210E-001	4.50000E-004	7.40000E-004	7.40000E-004	0.00000E+000	3.97225E+001	3.97225E+001	1.28500E-002	0.00000E+000	4.00437E+001
Rollers	6.55000E-003	1.27360E-001	2.20200E-001	2.90000E-004	4.80000E-004	4.80000E-004	0.00000E+000	2.55864E+001	2.55864E+001	8.28000E-003	0.00000E+000	2.57933E+001
Rubber Tired Dozers	2.15400E-002	3.47300E-001	6.99970E-001	1.32000E-003	2.15000E-003	2.15000E-003	0.00000E+000	1.15932E+002	1.15932E+002	3.74900E-002	0.00000E+000	1.16870E+002
Skid Steer Loaders	4.28000E-003	9.76300E-002	1.31830E-001	1.70000E-004	3.99000E-003	3.99000E-003	0.00000E+000	1.52696E+001	1.52696E+001	4.94000E-003	0.00000E+000	1.53931E+001
Tractors/Loaders/Bac khoes	1.43400E-002	2.79050E-001	4.82470E-001	6.40000E-004	1.04000E-003	1.04000E-003	0.00000E+000	5.62856E+001	5.62856E+001	1.82000E-002	0.00000E+000	5.67407E+001

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Pavers	7.45937E-001	1.17880E-001	-2.30860E-001	0.00000E+000	9.31200E-001	9.25217E-001	0.00000E+000	1.30907E-006	1.30907E-006	0.00000E+000	0.00000E+000	1.29857E-006
Paving Equipment	7.30174E-001	2.15254E-002	-2.17839E-001	0.00000E+000	9.26514E-001	9.20086E-001	0.00000E+000	1.25873E-006	1.25873E-006	0.00000E+000	0.00000E+000	1.24863E-006
Rollers	6.69526E-001	3.71837E-001	-6.00298E-002	0.00000E+000	9.60232E-001	9.56757E-001	0.00000E+000	1.17250E-006	1.17250E-006	0.00000E+000	0.00000E+000	1.55079E-006
Rubber Tired Dozers	8.40279E-001	7.54080E-001	-2.54494E-001	0.00000E+000	9.67915E-001	9.65126E-001	0.00000E+000	1.12134E-006	1.12134E-006	0.00000E+000	0.00000E+000	1.19791E-006
Skid Steer Loaders	2.73345E-001	-2.46553E-001	-1.31491E-001	0.00000E+000	-3.57143E-001	-4.77778E-001	0.00000E+000	1.30979E-006	1.30979E-006	0.00000E+000	0.00000E+000	1.29929E-006
Tractors/Loaders/Bac khoes	6.07231E-001	2.43603E-001	-4.00302E-002	0.00000E+000	9.50287E-001	9.45946E-001	0.00000E+000	1.24366E-006	1.24366E-006	0.00000E+000	0.00000E+000	1.05744E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.50	Vehicle Speed (mph)	15.00		
Yes	Clean Paved Road	% PM Reduction	0.00				

Phase	Source	Unmitigated		Mitigated		Percent Reduction	
		PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Central Landscaping	Fugitive Dust	0.19	0.10	0.19	0.10	0.00	0.00
Central Landscaping	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Central Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Central Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
North Landscaping	Fugitive Dust	0.18	0.10	0.18	0.10	0.00	0.00
North Landscaping	Roads	0.00	0.00	0.00	0.00	0.00	0.00
North Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
North Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Landscaping	Fugitive Dust	0.19	0.10	0.19	0.10	0.00	0.00
PA 16/19 Landscaping	Roads	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
PA 16/19 Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
South Landscaping	Fugitive Dust	0.20	0.11	0.20	0.11	0.00	0.00
South Landscaping	Roads	0.00	0.00	0.00	0.00	0.00	0.00
South Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
South Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
South PVR Haul	Fugitive Dust	0.17	0.09	0.17	0.09	0.00	0.00
South PVR Haul	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

[illegible]

Operational Mobile Mitigation

Project Setting:

Mitigation Selected	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Charateristics

Table 1: Project Detail

Table 1: Project Detail			
Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley Road	Notes	Project Description
Project Location	San Diego County	--	
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-May-20	Offsite Schedule	Proctor Valley EIR Assumptions
Operational Year	N/A		

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	N/A		
CO2 Intensity Factor (lb./Mwh)			
CH4 Intensity Factor (lb./Mwh)			
N2O Intensity Factor (lb./Mwh)			

**CalEEMod Input Matrix
Project Characteristics**

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
South Paving	Paving	1-May-20	31-May-20	5 days/week	21
South Landscaping	Site Prep	1-Jun-20	30-Jun-20	5 days/week	22
Central Paving	Paving	1-Nov-21	31-Dec-21	5 days/week	45
Central Landscaping	Site Prep	1-Jan-22	31-Jan-22	5 days/week	21
North Paving	Paving	1-Jan-23	31-Jan-23	5 days/week	22
North Landscaping	Site Prep	1-Feb-23	28-Feb-23	5 days/week	20
PA 16/19 Paving	Paving	1-Aug-23	31-Aug-23	5 days/week	23
PA 16/19 Landscaping	Site Prep	1-Sep-23	30-Sep-23	5 days/week	21
South Haul	Site Prep	4-Sep-20	30-Sep-20	5 days/week	19

Table 6: Off-Road Equipment

Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor
South Paving	default				
South Landscaping	Skid Steer	2	default		
Central Paving	default				
Central Landscaping	Skid Steer	2	default		
North Paving	default				
North Landscaping	Skid Steer	2	default		
PA 16/19 Paving	default				
PA 16/19 Landscaping	Skid Steer	2	default		
South Haul	Off-highway Trucks	4	8	default	

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment						
Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod Version: CalEEMod.2016.3.2

Date: 12/21/2017 1:50 PM

PV Valley Road North additional bike lanes - San Diego County, Winter

PV Valley Road North additional bike lanes
San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	65.00	1000sqft	1.49	65,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2019
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Applicant Provided Informaiton

Construction Phase - Applicant Provided Information

Off-road Equipment - Applicant provided information

Architectural Coating - SDAPCD RULE 67.0.1

Construction Off-road Equipment Mitigation - mitigation

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	4.00	2.00
tblConstructionPhase	NumDays	10.00	5.00
tblGrading	AcresOfGrading	1.00	1.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00

PV Valley Road North additional bike lanes - San Diego County, Winter
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	WorkerTripNumber	20.00	15.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.2614	20.9910	17.3968	0.0328	6.9407	0.9375	7.8782	3.4288	0.8625	4.2913	0.0000	3,181.3016	3,181.3016	0.9962	0.0000	3,206.2061
Maximum	9.2614	20.9910	17.3968	0.0328	6.9407	0.9375	7.8782	3.4288	0.8625	4.2913	0.0000	3,181.3016	3,181.3016	0.9962	0.0000	3,206.2061

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.1113	11.2893	20.9136	0.0328	2.7820	0.0527	2.8347	1.3572	0.0526	1.4098	0.0000	3,181.3016	3,181.3016	0.9962	0.0000	3,206.2061
Maximum	9.1113	11.2893	20.9136	0.0328	2.7820	0.0527	2.8347	1.3572	0.0526	1.4098	0.0000	3,181.3016	3,181.3016	0.9962	0.0000	3,206.2061

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	1.62	46.22	-20.22	0.00	59.92	94.38	64.02	60.42	93.90	67.15	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0360	6.0000e-005	6.7000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0152
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0360	6.0000e-005	6.7000e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005	0.0000	0.0152

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0360	6.0000e-005	6.7000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0152
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0360	6.0000e-005	6.7000e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005	0.0000	0.0152

[illegible]

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	6/16/2022	6/17/2022	5	2	
2	Paving	Paving	11/5/2022	11/11/2022	5	5	
3	Architectural Coating	Architectural Coating	11/12/2022	11/15/2022	5	2	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 1.49

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 3,900

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

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3.2 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8175	0.0000	6.8175	3.3961	0.0000	3.3961			0.0000			0.0000
Off-Road	1.9864	20.9565	16.2899	0.0317		0.9366	0.9366		0.8617	0.8617		3,070.8227	3,070.8227	0.9932		3,095.6519
Total	1.9864	20.9565	16.2899	0.0317	6.8175	0.9366	7.7541	3.3961	0.8617	4.2578		3,070.8227	3,070.8227	0.9932		3,095.6519

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6588	0.0000	2.6588	1.3245	0.0000	1.3245			0.0000			0.0000
Off-Road	0.5139	11.2548	20.5666	0.0317		0.0518	0.0518		0.0518	0.0518	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519
Total	0.5139	11.2548	20.5666	0.0317	2.6588	0.0518	2.7106	1.3245	0.0518	1.3763	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

PV Valley Road North additional bike lanes - San Diego County, Winter
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3.3 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3116	13.0767	17.0498	0.0265		0.6688	0.6688		0.6161	0.6161		2,546.7865	2,546.7865	0.8154		2,567.1705
Paving	0.7808					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0924	13.0767	17.0498	0.0265		0.6688	0.6688		0.6161	0.6161		2,546.7865	2,546.7865	0.8154		2,567.1705

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4037	8.2260	19.6377	0.0265		0.0425	0.0425		0.0425	0.0425	0.0000	2,546.7865	2,546.7865	0.8154		2,567.1705
Paving	0.7808					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1845	8.2260	19.6377	0.0265		0.0425	0.0425		0.0425	0.0425	0.0000	2,546.7865	2,546.7865	0.8154		2,567.1705

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543
Total	0.0558	0.0345	0.3470	1.1100e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		110.4788	110.4788	3.0200e-003		110.5543

3.4 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.0383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	9.2428	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0186	0.0115	0.1157	3.7000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		36.8263	36.8263	1.0100e-003		36.8514
Total	0.0186	0.0115	0.1157	3.7000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		36.8263	36.8263	1.0100e-003		36.8514

PV Valley Road North additional bike lanes - San Diego County, Winter
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.0383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	9.0927	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0186	0.0115	0.1157	3.7000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		36.8263	36.8263	1.0100e-003		36.8514
Total	0.0186	0.0115	0.1157	3.7000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		36.8263	36.8263	1.0100e-003		36.8514

CalEEMod Version: CalEEMod.2016.3.2

Date: 12/21/2017 1:55 PM

PV Valley Road North additional bike lanes
San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	65.00	1000sqft	1.49	65,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2019
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	720.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Land Use - Applicant Provided Informaiton

Construction Phase - Applicant Provided Information

Off-road Equipment - Applicant provided information

Architectural Coating - SDAPCD RULE 67.0.1

Construction Off-road Equipment Mitigation - mitigation

PV Valley Road North additional bike lanes - San Diego County, Summer
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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	2.00
tblConstructionPhase	NumDays	4.00	2.00
tblConstructionPhase	NumDays	10.00	5.00
tblGrading	AcresOfGrading	1.00	1.50
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	UsageHours	6.00	8.00

PV Valley Road North additional bike lanes - San Diego County, Summer
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblTripsAndVMT	WorkerTripNumber	20.00	15.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.2591	20.9872	17.4197	0.0329	6.9407	0.9375	7.8782	3.4288	0.8625	4.2913	0.0000	3,188.5067	3,188.5067	0.9964	0.0000	3,213.4158
Maximum	9.2591	20.9872	17.4197	0.0329	6.9407	0.9375	7.8782	3.4288	0.8625	4.2913	0.0000	3,188.5067	3,188.5067	0.9964	0.0000	3,213.4158

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	9.1091	11.2856	20.9365	0.0329	2.7820	0.0527	2.8347	1.3572	0.0526	1.4098	0.0000	3,188.5067	3,188.5067	0.9964	0.0000	3,213.4158
Maximum	9.1091	11.2856	20.9365	0.0329	2.7820	0.0527	2.8347	1.3572	0.0526	1.4098	0.0000	3,188.5067	3,188.5067	0.9964	0.0000	3,213.4158

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	1.62	46.23	-20.19	0.00	59.92	94.38	64.02	60.42	93.90	67.15	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0360	6.0000e-005	6.7000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0152
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0360	6.0000e-005	6.7000e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005	0.0000	0.0152

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0360	6.0000e-005	6.7000e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005		0.0152
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0360	6.0000e-005	6.7000e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005		0.0142	0.0142	4.0000e-005	0.0000	0.0152

[illegible]

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	6/16/2022	6/17/2022	5	2	
2	Paving	Paving	11/5/2022	11/11/2022	5	5	
3	Architectural Coating	Architectural Coating	11/12/2022	11/15/2022	5	2	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 1.49

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 3,900

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	1	5.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

3.2 Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.8175	0.0000	6.8175	3.3961	0.0000	3.3961			0.0000			0.0000
Off-Road	1.9864	20.9565	16.2899	0.0317		0.9366	0.9366		0.8617	0.8617		3,070.8227	3,070.8227	0.9932		3,095.6519
Total	1.9864	20.9565	16.2899	0.0317	6.8175	0.9366	7.7541	3.3961	0.8617	4.2578		3,070.8227	3,070.8227	0.9932		3,095.6519

PV Valley Road North additional bike lanes - San Diego County, Summer
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.6588	0.0000	2.6588	1.3245	0.0000	1.3245			0.0000			0.0000
Off-Road	0.5139	11.2548	20.5666	0.0317		0.0518	0.0518		0.0518	0.0518	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519
Total	0.5139	11.2548	20.5666	0.0317	2.6588	0.0518	2.7106	1.3245	0.0518	1.3763	0.0000	3,070.8227	3,070.8227	0.9932		3,095.6519

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

3.3 Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3116	13.0767	17.0498	0.0265		0.6688	0.6688		0.6161	0.6161		2,546.7865	2,546.7865	0.8154		2,567.1705
Paving	0.7808					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	2.0924	13.0767	17.0498	0.0265		0.6688	0.6688		0.6161	0.6161		2,546.7865	2,546.7865	0.8154		2,567.1705

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4037	8.2260	19.6377	0.0265		0.0425	0.0425		0.0425	0.0425	0.0000	2,546.7865	2,546.7865	0.8154		2,567.1705
Paving	0.7808					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.1845	8.2260	19.6377	0.0265		0.0425	0.0425		0.0425	0.0425	0.0000	2,546.7865	2,546.7865	0.8154		2,567.1705

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639
Total	0.0491	0.0307	0.3700	1.1800e-003	0.1232	8.3000e-004	0.1241	0.0327	7.7000e-004	0.0335		117.6840	117.6840	3.2000e-003		117.7639

3.4 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.0383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	9.2428	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062

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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0164	0.0103	0.1233	3.9000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		39.2280	39.2280	1.0700e-003		39.2546
Total	0.0164	0.0103	0.1233	3.9000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		39.2280	39.2280	1.0700e-003		39.2546

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.0383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062
Total	9.0927	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0183		281.9062

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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0164	0.0103	0.1233	3.9000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		39.2280	39.2280	1.0700e-003		39.2546
Total	0.0164	0.0103	0.1233	3.9000e-004	0.0411	2.8000e-004	0.0414	0.0109	2.6000e-004	0.0112		39.2280	39.2280	1.0700e-003		39.2546

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PV Valley Road North additional bike lanes
San Diego County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Excavators	Diesel	No Change	0	2	No Change	0.00
Graders	Diesel	No Change	0	1	No Change	0.00
Pavers	Diesel	No Change	0	2	No Change	0.00
Paving Equipment	Diesel	No Change	0	2	No Change	0.00
Rollers	Diesel	No Change	0	2	No Change	0.00
Rubber Tired Dozers	Diesel	No Change	0	1	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	3	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	1	No Change	0.00

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Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Air Compressors	2.00000E-004	1.41000E-003	1.81000E-003	0.00000E+000	8.00000E-005	8.00000E-005	0.00000E+000	2.55330E-001	2.55330E-001	2.00000E-005	0.00000E+000	2.55740E-001
Cement and Mortar Mixers	1.10000E-004	6.90000E-004	5.80000E-004	0.00000E+000	3.00000E-005	3.00000E-005	0.00000E+000	8.59300E-002	8.59300E-002	1.00000E-005	0.00000E+000	8.61500E-002
Excavators	4.00000E-004	3.55000E-003	6.51000E-003	1.00000E-005	1.70000E-004	1.60000E-004	0.00000E+000	9.07210E-001	9.07210E-001	2.90000E-004	0.00000E+000	9.14550E-001
Graders	4.10000E-004	5.26000E-003	1.72000E-003	1.00000E-005	1.70000E-004	1.50000E-004	0.00000E+000	5.81760E-001	5.81760E-001	1.90000E-004	0.00000E+000	5.86460E-001
Pavers	1.03000E-003	1.04900E-002	1.44200E-002	2.00000E-005	5.00000E-004	4.60000E-004	0.00000E+000	2.06502E+000	2.06502E+000	6.70000E-004	0.00000E+000	2.08171E+000
Paving Equipment	8.90000E-004	8.69000E-003	1.27300E-002	2.00000E-005	4.20000E-004	3.90000E-004	0.00000E+000	1.78928E+000	1.78928E+000	5.80000E-004	0.00000E+000	1.80375E+000
Rollers	8.30000E-004	8.63000E-003	9.30000E-003	1.00000E-005	5.00000E-004	4.60000E-004	0.00000E+000	1.15260E+000	1.15260E+000	3.70000E-004	0.00000E+000	1.16191E+000
Rubber Tired Dozers	8.40000E-004	8.79000E-003	3.58000E-003	1.00000E-005	4.20000E-004	3.80000E-004	0.00000E+000	7.50270E-001	7.50270E-001	2.40000E-004	0.00000E+000	7.56340E-001
Tractors/Loaders/Bulldozers	7.40000E-004	7.54000E-003	1.00700E-002	1.00000E-005	4.10000E-004	3.70000E-004	0.00000E+000	1.22976E+000	1.22976E+000	4.00000E-004	0.00000E+000	1.23970E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Air Compressors	2.00000E-004	1.41000E-003	1.81000E-003	0.00000E+000	8.00000E-005	8.00000E-005	0.00000E+000	2.55330E-001	2.55330E-001	2.00000E-005	0.00000E+000	2.55740E-001
Cement and Mortar Mixers	1.10000E-004	6.90000E-004	5.80000E-004	0.00000E+000	3.00000E-005	3.00000E-005	0.00000E+000	8.59300E-002	8.59300E-002	1.00000E-005	0.00000E+000	8.61500E-002
Excavators	4.00000E-004	3.55000E-003	6.51000E-003	1.00000E-005	1.70000E-004	1.60000E-004	0.00000E+000	9.07210E-001	9.07210E-001	2.90000E-004	0.00000E+000	9.14550E-001
Graders	4.10000E-004	5.26000E-003	1.72000E-003	1.00000E-005	1.70000E-004	1.50000E-004	0.00000E+000	5.81760E-001	5.81760E-001	1.90000E-004	0.00000E+000	5.86460E-001
Pavers	1.03000E-003	1.04900E-002	1.44200E-002	2.00000E-005	5.00000E-004	4.60000E-004	0.00000E+000	2.06501E+000	2.06501E+000	6.70000E-004	0.00000E+000	2.08171E+000
Paving Equipment	8.90000E-004	8.69000E-003	1.27300E-002	2.00000E-005	4.20000E-004	3.90000E-004	0.00000E+000	1.78928E+000	1.78928E+000	5.80000E-004	0.00000E+000	1.80374E+000
Rollers	8.30000E-004	8.63000E-003	9.30000E-003	1.00000E-005	5.00000E-004	4.60000E-004	0.00000E+000	1.15259E+000	1.15259E+000	3.70000E-004	0.00000E+000	1.16191E+000
Rubber Tired Dozers	8.40000E-004	8.79000E-003	3.58000E-003	1.00000E-005	4.20000E-004	3.80000E-004	0.00000E+000	7.50270E-001	7.50270E-001	2.40000E-004	0.00000E+000	7.56340E-001
Tractors/Loaders/Bulldozers	7.40000E-004	7.54000E-003	1.00700E-002	1.00000E-005	4.10000E-004	3.70000E-004	0.00000E+000	1.22976E+000	1.22976E+000	4.00000E-004	0.00000E+000	1.23970E+000

PV Valley Road North additional bike lanes - Mitigation Report
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Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Excavators	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Graders	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	4.84257E-006	4.84257E-006	0.00000E+000	0.00000E+000	0.00000E+000
Paving Equipment	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	5.54401E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	8.67604E-006	8.67604E-006	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backschoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000

Fugitive Dust Mitigation

Yes/No Mitigation Measure Mitigation Input Mitigation Input Mitigation Input

Yes	Soil Stabilizer for unpaved Roads	PM10 Reduction	30.00	PM2.5 Reduction	30.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	61.00	PM2.5 Reduction	61.00	Frequency (per day)	3.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	0.00		
No	Clean Paved Road	% PM Reduction	0.00				

PV Valley Road North additional bike lanes - Mitigation Report
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		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Fugitive Dust	0.01	0.00	0.00	0.00	0.61	0.61
Grading	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

[illegible]

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.00	0.15		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				
No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				

PV Valley Road North additional bike lanes - Mitigation Report
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No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	250.00
No	Use Low VOC Paint (Residential Exterior)	250.00
No	Use Low VOC Paint (Non-residential Interior)	250.00
No	Use Low VOC Paint (Non-residential Exterior)	250.00
No	Use Low VOC Paint (Parking)	250.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value
Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

CalEEMod Input Matrix
Project Charateristics

Table 1: Project Detail

Table 1: Project Detail			
Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley Road Bike Lanes	Notes	Project Description
Project Location	San Diego County	--	
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	15-Jun-22	Offsite Schedule	Proctor Valley EIR Assumptions
Operational Year	N/A		

Table 2: Utility Information

Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	N/A		
CO2 Intensity Factor (lb./Mwh)			
CH4 Intensity Factor (lb./Mwh)			
N2O Intensity Factor (lb./Mwh)			

CalEEMod Input Matrix
Project Characteristics

Table 3: Pollutants

Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4 pertains to operational emissions and is therefore omitted

CalEEMod Input Sheet
Construction Phase

Table 5: Construction

Phase Name	Phase Type	Start Date	End Date	Days/Week	Total Days
Grading	Grading	15-Jun-22	17-Jun-22	5 days/week	3
Paving	Paving	5-Nov-22	11-Nov-22	5 days/week	5
Arch Coating	Arch Coating	12-Nov-22	15-Nov-22	5 days/week	2

Table 6: Off-Road Equipment

Phase Name	Equipment Type	Unit Amount	Hours/Day	Horsepower (hp)	Load Factor
Grading	default				
Paving					
Arch Coating					

Tables 12 through 31 pertain to operational emissions and are therefore omitted

**CalEEMod Input Sheet
Construction Mitigation**

Table 32: Off-Road Equipment						
Equipment Type	Fuel Type	Engine Tier	Number of Equipments Mitigated	Total Number of Off-road Equipments	DPF Level	Using Oxidation Catalyst (% Reduction)
All Tier 4 Interim						

Table 33: Fugitive Dust	
Soil Stabilizer for Unpaved Roads	
PM 10 (% Reduction)	30
PM 2.5 (% Reduction)	30
Replace Ground Cover of Area Disturbed	
PM 10 (% Reduction)	--
PM 2.5 (% Reduction)	--
Water Exposed Area	
Frequency (per day)	3
PM 10 (% Reduction)	default
PM 2.5 (% Reduction)	
Unpaved Road Mitigation	
Moisture Content (%)	--
Vehicle Speed (mph)	15
Clean Paved Road	
% PM Reduction	--

CalEEMod
Construction – Vendor Truck and Worker Vehicle
Trip Estimates for Building Construction Phases

South Residential

Vendor and Worker Trip Calculator For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	1,000 SF	0.32	0.1639
Office/Industrial	1,000 SF	0.42	0.1639

Equipment	1.25
------------------	-------------

Single Family Residential	Phase	Dwelling Units	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)	
South	1	80	28.80	29	30	8.55	9	10	
	2	56	20.16	20	20	5.99	6	6	
	3	56	20.16	20	20	5.99	6	6	
	4	56	20.16	20	20	5.99	6	6	
	5	56	20.16	20	20	5.99	6	6	
	6	35	12.60	13	14	3.74	4	4	
	7	13	4.68	5	6	1.39	1	2	
Total				127	130			38	40

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation	8	10.00	10	10
Grading	8	10.00	10	10
Utilities and Slope Landscaping	2	2.50	3	4
Paving (all)	6	7.50	8	8

South Residential

Single Family Residential	Phase	Architectural Coating Workers (20%)	Architectural Coating Worker Trips Rounded	Architectural Coating Worker Trips Assumed (Even)
South	1	5.76	6	6
	2	4.032	4	4
	3	4.032	4	4
	4	4.032	4	4
	5	4.032	4	4
	6	2.52	3	4
	7	0.936	1	2
		0	26	28

South Non-Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25
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Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation - Swimming Pool	2	2.50	3	4
Grading - Swimming Pool	4	5.00	5	6
Building Construction - Swimming Pool	4	5.00	5	6
Paving - Swimming Pool	7	8.75	9	10
Architectural Coating - Swimming Pool	N/A	1.00	1	2
Site Preparation - Park	3	3.75	4	4
Landscaping	2	2.50	3	4
Grading - Park	4	5.00	5	6
Building Construction - Park	3	3.75	4	4
Paving - Park	7	8.75	9	10
Architectural Coating - Park	N/A	0.75	1	2
Note: Arch Coating is based off 20% of building construction, not equipment				

Central Residential

Vendor and Worker Trip Calculator
For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	DU	0.36	0.1069
Residential Multi-Family	DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25
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Single Family Residential	Phase	Dwelling Units	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
Central Village	1	46	16.56	17	18	4.92	5	6
	2	45	16.20	16	16	4.81	5	6
	3	56	20.16	20	20	5.99	6	6
	4	41	14.76	15	16	4.38	4	4
	5	80	28.80	29	30	8.55	9	10
	6	75	27.00	27	28	8.02	8	8
	7	24	8.64	9	10	2.57	3	4
	8	24	8.64	9	10	2.57	3	4
	9	24	8.64	9	10	2.57	3	4
	10	20	7.20	7	8	2.14	2	2
	11 (School)	97	34.92	35	36	10.37	10	10
Total				193	202		58	64

Central Residential

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation	5	6.25	6	6
Grading	8	10.00	10	10
Paving (all)	6	7.50	8	8
Utilities	2	2.50	3	4
Slope Landscaping	3	3.75	4	4

Central Residential

Single Family Residential	Phase	Architectural Coating Workers (20%)	Architectural Coating Worker Trips Rounded	Architectural Coating Worker Trips Assumed (Even)
Central Village	1	3.312	3	4
	2	3.24	3	4
	3	4.032	4	4
	4	2.952	3	4
	5	5.76	6	6
	6	5.4	5	6
	7	1.728	2	2
	8	1.728	2	2
	9	1.728	2	2
	10	1.44	1	2
	11 (School)	6.984	7	8
		0	38	44

Central Non-Residential

Vendor and Worker Trip Calculator For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25
------------------	-------------

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation - City Park (P1 Village Green)	6	7.50	8	8
Grading- City Park (P1 Village Green)	7	8.75	9	10
Landscaping - City Park (P1 Village Green)	2	2.50	3	4
Site Preparation - City Park (P2 Village Green)	2	2.50	3	4
Grading -City Park (P2 Village Green)	4	5.00	5	6
Building Construction -City Park (P2 Village Green)	3	3.75	4	4
Paving - City Park (P2 Village Green)	7	8.75	9	10
Architectural Coating -City Park (P2 Village Green)	N/A	0.75	1	2
Site Preparation - City Park (P3 Scenic)	2	2.50	3	4
Grading - City Park (P3 Scenic)	4	5.00	5	6
Building Construction - City Park (P3 Scenic)	3	3.75	4	4
Paving - City Park (P3 Scenic)	7	8.75	9	10
Architectural Coating - City Park (P3 Scenic)	N/A	0.75	1	2
Site Preparation - City Park (P4 Scenic)	7	8.75	9	10
Grading - City Park (P4 Scenic)	7	8.75	9	10
Landscaping - City Park (P4 Scenic)	2	2.50	3	4
Site Preparation - User Defined (Fire Station)	3	3.75	4	4
Grading - User Defined (Fire Station)	4	5.00	5	6
Building Construction - User Defined (Fire Station)	8	10.00	10	10
Paving - User Defined (Fire Station)	6	7.50	8	8
Architectural Coating - User Defined (Fire Station)	N/A	2.00	2	2
Landscaping - User Defined (Fire Station)	2	2.50	3	4

Central Non-Residential

Site Preparation - User Defined (Retail Commercial Mix)	3	3.75	4	4
Grading - User Defined (Retail Commercial Mix)	3	3.75	4	4
Building Construction - User Defined (Retail Commercial Mix)	7	8.75	9	10
Paving - User Defined (Retail Commercial Mix)	5	6.25	6	6
Architectural Coating - User Defined (Retail Commercial Mix)	N/A	1.75	2	2
Site Preparation - Recreational Swimming Pool	3	3.75	4	4
Grading- Recreational Swimming Pool	3	3.75	4	4
Building Construction- Recreational Swimming Pool	7	8.75	9	10
Architectural Coating - Recreational Swimming Pool	1	1.75	2	2
Landscaping- Recreational Swimming Pool	2	2.50	3	4
Site Preparation - City Park (Private Park Central)	7	8.75	9	10
Grading - City Park (Private Park Central)	6	7.50	8	8
Landscaping - City Park (Private Park Central)	2	2.50	3	4
Note: Arch Coating is based off 20% of building construction, not equipment				

North Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25
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Single Family Residential	Phase	Dwelling Units	DUs	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
North	1	18	18	6.48	6	6	1.92	2	2
	2	15	15	5.40	5	6	1.60	2	2
	3	20	20	7.20	7	8	2.14	2	2
	4	20	20	7.20	7	8	2.14	2	2
	5	21	21	7.56	8	8	2.24	2	2
	6	8	8	2.88	3	4	0.86	1	2
	7	8	8	2.88	3	4	0.86	1	2
Total				39.60	39	44		12	14

Construction Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation	5	6.25	6	6
Grading	8	10.00	10	10
Utilities	2	2.50	3	4
Internal Open Space Landscaping	2	2.50	3	4
Paving (all)	3	3.75	4	4

North Residential

Single Family Residential	Phase	Architectural Coating Workers (20%)	Architectural Coating Worker Trips Rounded	Architectural Coating Worker Trips Assumed (Even)
North	1	1.296	1	2
	2	1.08	1	2
	3	1.44	1	2
	4	1.44	1	2
	5	1.512	2	2
	6	0.576	1	2
	7	0.576	1	2
		7.9	8	14

North Non-Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25
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Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Architectural Coating - Swimming Pool	2	2.50	3	4
Building Construction - Swimming Pool	5	6.25	6	6
Grading - Park	4	5.00	5	6
Grading - Swimming Pool	4	5.00	5	6
Landscaping	2	2.50	3	4
Site Preparation - Park	3	3.75	4	4
Site Preparation - Swimming Pool	2	2.50	3	4
Note: Arch Coating is based off 20% of building construction, not equipment				

Planning Areas 16/19 Residential

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25
------------------	-------------

Single Family Residential	Phase	Dwelling Units	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)	Vendor Truck Trips Estimated	Vendor Truck Trips Rounded	Vendor Truck Trips Assumed (Even)
P16-19	1	13	4.68	5	6	1.39	1	2
	2	9	3.24	3	4	0.96	1	2
	3	9	3.24	3	4	0.96	1	2
	4	22	7.92	8	8	2.35	2	2
	5	22	7.92	8	8	2.35	2	2
	6	9	3.24	3	4	0.96	1	2
	7	9	3.24	3	4	0.96	1	2
	8	22	7.92	8	8	2.35	2	2
	9	10	3.60	4	4	1.07	1	2
Total				45	50		12	18

Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
Site Preparation (all)	5	6.25	6	6
Paving (all)	3	3.75	4	4

Planning Areas 16/19 Residential

Single Family Residential	Phase	Architectural Coating Workers (20%)	Architectural Coating Worker Trips Rounded	Architectural Coating Worker Trips Assumed (Even)
P16-19	1	0.936	1	2
	2	0.648	1	2
	3	0.648	1	2
	4	1.584	2	2
	5	1.584	2	2
	6	0.648	1	2
	7	0.648	1	2
	8	1.584	2	2
	9	0.72	1	2
		0	12	18

Off Site Grading

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25
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Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
SV Site Prep	7	8.75	9	10
SV Grading	8	10.00	10	10
SV Utilities	7	8.75	9	10
SV Paving	6	7.50	8	8
SV Landscaping	2	2.50	3	4
SCV Site Prep	7	8.75	9	10
SCV Grading	6	7.50	8	8
SCV Utilities	7	8.75	9	10
SCV Paving	6	7.50	8	8
SCV Landscaping	2	2.50	3	4
CV Site Prep	7	8.75	9	10
CV Utilities	7	8.75	9	10
CV Grading	6	7.50	8	8
CV Paving	6	7.50	8	8
CV Landscaping	2	2.50	3	4
NV Grading	8	10.00	10	10
NV Utilities	7	8.75	9	10
NV Paving	6	7.50	8	8
NV Landscaping	2	2.50	3	4

Proctor Valley Road

Vendor and Worker Trip Calculator

For Multiple CalEEMod Building Construction Phases

Land Use	Rate Metric	Worker Trip Rate	Vendor Trip Rate
Residential Single Family	Daily trips per DU	0.36	0.1069
Residential Multi-Family	Daily trips per DU	0.72	0.1069
Commercial/Retail	Daily Trips per 1,000 SF	0.32	0.1639
Office/Industrial	Daily Trips per 1,000 SF	0.42	0.1639

Equipment	1.25
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Phase	Pieces of Equipment	Workers Trips Estimated	Worker Trips Rounded	Worker Trips Assumed (Even)
South Paving	6	7.50	8	8
South Landscaping	2	2.50	3	4
Central Paving	6	7.50	8	8
Central Landscaping	2	2.50	3	4
North Paving	6	7.50	8	8
North Landscaping	2	2.50	3	4
PA 16/19 Paving	6	7.50	8	8
PA 16/19 Landscaping	2	2.50	3	4

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San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	8.50	1000sqft	2.10	8,500.00	0
Parking Lot	629.00	1000sqft	14.44	629,496.00	0
City Park	13.90	Acre	13.90	1,260.00	0
Recreational Swimming Pool	4.00	1000sqft	3.70	4,000.00	0
Single Family Housing	994.00	Dwelling Unit	361.10	2,898,410.00	2762
User Defined Residential	125.00	Dwelling Unit	368.00	591,125.00	344
Regional Shopping Center	10.00	1000sqft	1.50	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment - Operational Emissions Modeled Separately

Trips and VMT - Operational Run

Vehicle Trips - Chen Ryan 2017

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Water And Wastewater - Refer to CalEEMod Input Matrix Table 22

Solid Waste - Solid waste generation rate based on total project-wide disposal rate of 3.6 tons per day

Area Mitigation - Refer to CalEEMod Input Matrix Table 19

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Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	12,400.00	1.00
tblEnergyUse	LightingElect	3.91	3.34
tblEnergyUse	LightingElect	0.88	0.75
tblEnergyUse	LightingElect	6.39	5.46
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	LightingElect	0.00	0.21
tblEnergyUse	NT24E	6,680.41	3,442.00
tblEnergyUse	NT24E	0.00	0.73
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	NT24NG	0.00	0.95
tblEnergyUse	T24E	4.88	4.17
tblEnergyUse	T24E	3.34	2.86
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24E	0.00	0.21
tblEnergyUse	T24NG	16.07	13.74
tblEnergyUse	T24NG	1.15	0.98
tblEnergyUse	T24NG	24,312.55	22,000.00
tblEnergyUse	T24NG	0.00	4.65
tblFireplaces	NumberGas	546.70	0.00
tblFireplaces	NumberGas	68.75	0.00
tblFireplaces	NumberNoFireplace	99.40	0.00
tblFireplaces	NumberNoFireplace	12.50	0.00
tblFireplaces	NumberWood	347.90	0.00
tblFireplaces	NumberWood	43.75	0.00

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tblFleetMix	FleetMixLandUseSubType	Industrial Park	City Park
tblFleetMix	FleetMixLandUseSubType	Parking Lot	Industrial Park
tblFleetMix	FleetMixLandUseSubType	City Park	Parking Lot
tblFleetMix	FleetMixLandUseSubType	Single Family Housing	Regional Shopping Center
tblFleetMix	FleetMixLandUseSubType	User Defined Residential	Single Family Housing
tblFleetMix	FleetMixLandUseSubType	Regional Shopping Center	User Defined Residential
tblLandUse	BuildingSpaceSquareFeet	629,000.00	629,496.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,260.00
tblLandUse	BuildingSpaceSquareFeet	0.00	4,000.00
tblLandUse	BuildingSpaceSquareFeet	1,789,200.00	2,898,410.00
tblLandUse	BuildingSpaceSquareFeet	0.00	591,125.00
tblLandUse	GreenSpaceSquareFeet	605,484.00	0.00
tblLandUse	LandUseSquareFeet	629,000.00	629,496.00
tblLandUse	LandUseSquareFeet	605,484.00	1,260.00
tblLandUse	LandUseSquareFeet	1,789,200.00	2,898,410.00
tblLandUse	LandUseSquareFeet	0.00	591,125.00
tblLandUse	LotAcreage	0.20	2.10
tblLandUse	LotAcreage	0.09	3.70
tblLandUse	LotAcreage	322.73	361.10
tblLandUse	LotAcreage	0.00	368.00
tblLandUse	LotAcreage	0.23	1.50
tblLandUse	Population	2,843.00	2,762.00
tblLandUse	Population	358.00	344.00
tblLandUse	RecSwimmingAreaSquareFeet	4,000.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblSolidWaste	SolidWasteGenerationRate	1.20	0.00

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tblSolidWaste	SolidWasteGenerationRate	10.54	0.00
tblSolidWaste	SolidWasteGenerationRate	22.80	0.00
tblSolidWaste	SolidWasteGenerationRate	10.50	0.00
tblSolidWaste	SolidWasteGenerationRate	1,132.42	1,314.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	VendorTripLength	7.30	0.00
tblTripsAndVMT	VendorTripNumber	227.00	0.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblTripsAndVMT	WorkerTripNumber	721.00	0.00
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TTP	48.00	100.00
tblVehicleTrips	CC_TTP	28.00	100.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CC_TTP	48.00	100.00
tblVehicleTrips	CC_TTP	64.70	100.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00

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tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.50	8.40
tblVehicleTrips	HO_TL	7.50	8.40
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HS_TL	7.30	8.40
tblVehicleTrips	HS_TL	7.30	8.40
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HW_TL	10.80	8.40
tblVehicleTrips	HW_TL	10.80	8.40
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	0.00	100.00

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tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	22.75	60.19
tblVehicleTrips	ST_TR	2.49	0.73
tblVehicleTrips	ST_TR	9.10	8.88
tblVehicleTrips	ST_TR	49.97	128.73
tblVehicleTrips	ST_TR	9.91	10.41
tblVehicleTrips	ST_TR	0.00	12.49
tblVehicleTrips	SU_TR	16.74	44.29
tblVehicleTrips	SU_TR	0.73	0.22
tblVehicleTrips	SU_TR	13.60	13.27
tblVehicleTrips	SU_TR	25.24	65.02
tblVehicleTrips	SU_TR	8.62	9.05
tblVehicleTrips	SU_TR	0.00	10.87
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	6.83	1.88

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tblVehicleTrips	WD_TR	33.82	33.00
tblVehicleTrips	WD_TR	42.70	110.00
tblVehicleTrips	WD_TR	9.52	10.00
tblVehicleTrips	WD_TR	0.00	12.00
tblWater	IndoorWaterUseRate	1,965,625.00	749,162.50
tblWater	IndoorWaterUseRate	236,572.58	0.00
tblWater	IndoorWaterUseRate	740,725.21	553,887.50
tblWater	IndoorWaterUseRate	64,763,101.47	165,520,955.00
tblWater	OutdoorWaterUseRate	16,561,590.76	18,327,380.00
tblWater	OutdoorWaterUseRate	0.00	749,162.50
tblWater	OutdoorWaterUseRate	144,996.10	0.00
tblWater	OutdoorWaterUseRate	453,992.87	553,887.50
tblWater	OutdoorWaterUseRate	40,828,911.79	165,520,955.00
tblWoodstoves	NumberCatalytic	49.70	0.00
tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	49.70	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

Unmitigated Construction

Mitigated Construction

[illegible]

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647
Energy	0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763
Mobile	26.6356	106.2864	254.1327	0.8725	91.8931	0.6655	92.5585	24.5508	0.6179	25.1687		89,366.9665	89,366.9665	4.8546		89,488.3317
Total	123.8567	114.9358	350.0479	0.9254	91.8931	1.7863	93.6793	24.5508	1.7388	26.2896	0.0000	99,146.3929	99,146.3929	5.1984	0.1762	99,328.8727

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647
Energy	0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763
Mobile	26.6356	106.2864	254.1327	0.8725	91.8931	0.6655	92.5585	24.5508	0.6179	25.1687		89,366.9665	89,366.9665	4.8546		89,488.3317
Total	123.8567	114.9358	350.0479	0.9254	91.8931	1.7863	93.6793	24.5508	1.7388	26.2896	0.0000	99,146.3929	99,146.3929	5.1984	0.1762	99,328.8727

[illegible]

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	7/1/2019	7/1/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 14.44

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	0.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction	7	0.00	0.00	0.00	0.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7500	14.9432	11.1193	0.0188		0.8803	0.8803		0.8359	0.8359		1,784.2828	1,784.2828	0.3759		1,793.6806
Total	1.7500	14.9432	11.1193	0.0188		0.8803	0.8803		0.8359	0.8359		1,784.2828	1,784.2828	0.3759		1,793.6806

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7500	14.9432	11.1193	0.0188		0.8803	0.8803		0.8359	0.8359	0.0000	1,784.2828	1,784.2828	0.3759		1,793.6806
Total	1.7500	14.9432	11.1193	0.0188		0.8803	0.8803		0.8359	0.8359	0.0000	1,784.2828	1,784.2828	0.3759		1,793.6806

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	26.6356	106.2864	254.1327	0.8725	91.8931	0.6655	92.5585	24.5508	0.6179	25.1687		89,366.9665	89,366.9665	4.8546		89,488.3317
Unmitigated	26.6356	106.2864	254.1327	0.8725	91.8931	0.6655	92.5585	24.5508	0.6179	25.1687		89,366.9665	89,366.9665	4.8546		89,488.3317

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	139.00	1,673.28	1231.26	786,140	786,140
Industrial Park	31.96	12.41	3.74	38,427	38,427
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	264.00	71.04	106.16	326,988	326,988
Regional Shopping Center	2,200.00	2,574.60	1300.40	3,248,700	3,248,700
Single Family Housing	19,880.00	20,695.08	17991.40	30,158,087	30,158,087
User Defined Residential	3,000.00	3,122.50	2717.50	4,551,456	4,551,456
Total	25,514.96	28,148.91	23,350.46	39,109,800	39,109,800

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Industrial Park	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Parking Lot	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Recreational Swimming Pool	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Regional Shopping Center	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Single Family Housing	8.40	8.40	8.40	100.00	0.00	0.00	100	0	0
User Defined Residential	8.40	8.40	8.40	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Industrial Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Parking Lot	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Recreational Swimming Pool	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Regional Shopping Center	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
User Defined Residential	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763
NaturalGas Unmitigated	0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	417.781	4.5100e-003	0.0410	0.0344	2.5000e-004		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		49.1507	49.1507	9.4000e-004	9.0000e-004	49.4428
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	56.7123	6.1000e-004	5.5600e-003	4.6700e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004		6.6720	6.6720	1.3000e-004	1.2000e-004	6.7117
Single Family Housing	72167.1	0.7783	6.6507	2.8301	0.0425		0.5377	0.5377		0.5377	0.5377		8,490.2498	8,490.2498	0.1627	0.1557	8,540.7031
User Defined Residential	9069.32	0.0978	0.8892	0.7469	5.3300e-003		0.0676	0.0676		0.0676	0.0676		1,066.9782	1,066.9782	0.0205	0.0196	1,073.3188
Total		0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763

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Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	0.417781	4.5100e-003	0.0410	0.0344	2.5000e-004		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		49.1507	49.1507	9.4000e-004	9.0000e-004	49.4428
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.0567123	6.1000e-004	5.5600e-003	4.6700e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004		6.6720	6.6720	1.3000e-004	1.2000e-004	6.7117
Single Family Housing	72.1671	0.7783	6.6507	2.8301	0.0425		0.5377	0.5377		0.5377	0.5377		8,490.2498	8,490.2498	0.1627	0.1557	8,540.7031
User Defined Residential	9.06932	0.0978	0.8892	0.7469	5.3300e-003		0.0676	0.0676		0.0676	0.0676		1,066.9782	1,066.9782	0.0205	0.0196	1,073.3188
Total		0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647
Unmitigated	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.1569					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	75.4075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7755	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120		166.3757	166.3757	0.1596		170.3647
Total	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647

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Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.1569					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	75.4075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7755	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120		166.3757	166.3757	0.1596		170.3647
Total	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	8.50	1000sqft	2.10	8,500.00	0
Parking Lot	629.00	1000sqft	14.44	629,496.00	0
City Park	13.90	Acre	13.90	1,260.00	0
Recreational Swimming Pool	4.00	1000sqft	3.70	4,000.00	0
Single Family Housing	994.00	Dwelling Unit	361.10	2,898,410.00	2762
User Defined Residential	125.00	Dwelling Unit	368.00	591,125.00	344
Regional Shopping Center	10.00	1000sqft	1.50	10,000.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment - Operational Emissions Modeled Separately

Trips and VMT - Operational Run

Vehicle Trips - Chen Ryan 2017

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Water And Wastewater - Refer to CalEEMod Input Matrix Table 22

Solid Waste - Solid waste generation rate based on total project-wide disposal rate of 3.6 tons per day

Area Mitigation - Refer to CalEEMod Input Matrix Table 19

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Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstructionPhase	NumDays	12,400.00	1.00
tblEnergyUse	LightingElect	3.91	3.34
tblEnergyUse	LightingElect	0.88	0.75
tblEnergyUse	LightingElect	6.39	5.46
tblEnergyUse	LightingElect	1,608.84	993.00
tblEnergyUse	LightingElect	0.00	0.21
tblEnergyUse	NT24E	6,680.41	3,442.00
tblEnergyUse	NT24E	0.00	0.73
tblEnergyUse	NT24NG	4,180.00	4,500.00
tblEnergyUse	NT24NG	0.00	0.95
tblEnergyUse	T24E	4.88	4.17
tblEnergyUse	T24E	3.34	2.86
tblEnergyUse	T24E	374.93	971.00
tblEnergyUse	T24E	0.00	0.21
tblEnergyUse	T24NG	16.07	13.74
tblEnergyUse	T24NG	1.15	0.98
tblEnergyUse	T24NG	24,312.55	22,000.00
tblEnergyUse	T24NG	0.00	4.65
tblFireplaces	NumberGas	546.70	0.00
tblFireplaces	NumberGas	68.75	0.00
tblFireplaces	NumberNoFireplace	99.40	0.00
tblFireplaces	NumberNoFireplace	12.50	0.00
tblFireplaces	NumberWood	347.90	0.00
tblFireplaces	NumberWood	43.75	0.00

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tblFleetMix	FleetMixLandUseSubType	Industrial Park	City Park
tblFleetMix	FleetMixLandUseSubType	Parking Lot	Industrial Park
tblFleetMix	FleetMixLandUseSubType	City Park	Parking Lot
tblFleetMix	FleetMixLandUseSubType	Single Family Housing	Regional Shopping Center
tblFleetMix	FleetMixLandUseSubType	User Defined Residential	Single Family Housing
tblFleetMix	FleetMixLandUseSubType	Regional Shopping Center	User Defined Residential
tblLandUse	BuildingSpaceSquareFeet	629,000.00	629,496.00
tblLandUse	BuildingSpaceSquareFeet	0.00	1,260.00
tblLandUse	BuildingSpaceSquareFeet	0.00	4,000.00
tblLandUse	BuildingSpaceSquareFeet	1,789,200.00	2,898,410.00
tblLandUse	BuildingSpaceSquareFeet	0.00	591,125.00
tblLandUse	GreenSpaceSquareFeet	605,484.00	0.00
tblLandUse	LandUseSquareFeet	629,000.00	629,496.00
tblLandUse	LandUseSquareFeet	605,484.00	1,260.00
tblLandUse	LandUseSquareFeet	1,789,200.00	2,898,410.00
tblLandUse	LandUseSquareFeet	0.00	591,125.00
tblLandUse	LotAcreage	0.20	2.10
tblLandUse	LotAcreage	0.09	3.70
tblLandUse	LotAcreage	322.73	361.10
tblLandUse	LotAcreage	0.00	368.00
tblLandUse	LotAcreage	0.23	1.50
tblLandUse	Population	2,843.00	2,762.00
tblLandUse	Population	358.00	344.00
tblLandUse	RecSwimmingAreaSquareFeet	4,000.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblSolidWaste	SolidWasteGenerationRate	1.20	0.00

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tblSolidWaste	SolidWasteGenerationRate	10.54	0.00
tblSolidWaste	SolidWasteGenerationRate	22.80	0.00
tblSolidWaste	SolidWasteGenerationRate	10.50	0.00
tblSolidWaste	SolidWasteGenerationRate	1,132.42	1,314.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	VendorTripLength	7.30	0.00
tblTripsAndVMT	VendorTripNumber	227.00	0.00
tblTripsAndVMT	WorkerTripLength	10.80	0.00
tblTripsAndVMT	WorkerTripNumber	721.00	0.00
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TL	7.30	8.40
tblVehicleTrips	CC_TTP	48.00	100.00
tblVehicleTrips	CC_TTP	28.00	100.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CC_TTP	48.00	100.00
tblVehicleTrips	CC_TTP	64.70	100.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CC_TTP	0.00	100.00
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TL	7.30	8.40
tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CNW_TTP	13.00	0.00
tblVehicleTrips	CNW_TTP	19.00	0.00

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tblVehicleTrips	CNW_TTP	19.00	0.00
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TL	9.50	8.40
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	33.00	0.00
tblVehicleTrips	CW_TTP	16.30	0.00
tblVehicleTrips	DV_TP	28.00	0.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	DV_TP	39.00	0.00
tblVehicleTrips	DV_TP	35.00	0.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	7.50	8.40
tblVehicleTrips	HO_TL	7.50	8.40
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HO_TTP	39.60	0.00
tblVehicleTrips	HS_TL	7.30	8.40
tblVehicleTrips	HS_TL	7.30	8.40
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HS_TTP	18.80	0.00
tblVehicleTrips	HW_TL	10.80	8.40
tblVehicleTrips	HW_TL	10.80	8.40
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	0.00	100.00

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tblVehicleTrips	HW_TTP	0.00	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	HW_TTP	41.60	100.00
tblVehicleTrips	PB_TP	6.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PB_TP	9.00	0.00
tblVehicleTrips	PB_TP	11.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	66.00	100.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	52.00	100.00
tblVehicleTrips	PR_TP	54.00	100.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	22.75	60.19
tblVehicleTrips	ST_TR	2.49	0.73
tblVehicleTrips	ST_TR	9.10	8.88
tblVehicleTrips	ST_TR	49.97	128.73
tblVehicleTrips	ST_TR	9.91	10.41
tblVehicleTrips	ST_TR	0.00	12.49
tblVehicleTrips	SU_TR	16.74	44.29
tblVehicleTrips	SU_TR	0.73	0.22
tblVehicleTrips	SU_TR	13.60	13.27
tblVehicleTrips	SU_TR	25.24	65.02
tblVehicleTrips	SU_TR	8.62	9.05
tblVehicleTrips	SU_TR	0.00	10.87
tblVehicleTrips	WD_TR	1.89	5.00
tblVehicleTrips	WD_TR	6.83	1.88

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tblVehicleTrips	WD_TR	33.82	33.00
tblVehicleTrips	WD_TR	42.70	110.00
tblVehicleTrips	WD_TR	9.52	10.00
tblVehicleTrips	WD_TR	0.00	12.00
tblWater	IndoorWaterUseRate	1,965,625.00	749,162.50
tblWater	IndoorWaterUseRate	236,572.58	0.00
tblWater	IndoorWaterUseRate	740,725.21	553,887.50
tblWater	IndoorWaterUseRate	64,763,101.47	165,520,955.00
tblWater	OutdoorWaterUseRate	16,561,590.76	18,327,380.00
tblWater	OutdoorWaterUseRate	0.00	749,162.50
tblWater	OutdoorWaterUseRate	144,996.10	0.00
tblWater	OutdoorWaterUseRate	453,992.87	553,887.50
tblWater	OutdoorWaterUseRate	40,828,911.79	165,520,955.00
tblWoodstoves	NumberCatalytic	49.70	0.00
tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	49.70	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	1.7500	14.9432	11.1193	0.0188	0.0000	0.8803	0.8803	0.0000	0.8359	0.8359	0.0000	1,784.2828	1,784.2828	0.3759	0.0000	1,793.6806
Maximum	1.7500	14.9432	11.1193	0.0188	0.0000	0.8803	0.8803	0.0000	0.8359	0.8359	0.0000	1,784.2828	1,784.2828	0.3759	0.0000	1,793.6806

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	1.7500	14.9432	11.1193	0.0188	0.0000	0.8803	0.8803	0.0000	0.8359	0.8359	0.0000	1,784.2828	1,784.2828	0.3759	0.0000	1,793.6806
Maximum	1.7500	14.9432	11.1193	0.0188	0.0000	0.8803	0.8803	0.0000	0.8359	0.8359	0.0000	1,784.2828	1,784.2828	0.3759	0.0000	1,793.6806

[illegible]

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647
Energy	0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763
Mobile	27.7116	105.1253	250.3124	0.9202	91.8931	0.6616	92.5547	24.5508	0.6143	25.1651		94,262.4558	94,262.4558	4.7534		94,381.2902
Total	124.9327	113.7747	346.2277	0.9732	91.8931	1.7825	93.6755	24.5508	1.7351	26.2859	0.0000	104,041.8822	104,041.8822	5.0972	0.1762	104,221.8313

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647
Energy	0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763
Mobile	27.7116	105.1253	250.3124	0.9202	91.8931	0.6616	92.5547	24.5508	0.6143	25.1651		94,262.4558	94,262.4558	4.7534		94,381.2902
Total	124.9327	113.7747	346.2277	0.9732	91.8931	1.7825	93.6755	24.5508	1.7351	26.2859	0.0000	104,041.8822	104,041.8822	5.0972	0.1762	104,221.8313

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3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Building Construction	Building Construction	7/1/2019	7/1/2019	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 14.44

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	0.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Building Construction	7	0.00	0.00	0.00	0.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7500	14.9432	11.1193	0.0188		0.8803	0.8803		0.8359	0.8359		1,784.2828	1,784.2828	0.3759		1,793.6806
Total	1.7500	14.9432	11.1193	0.0188		0.8803	0.8803		0.8359	0.8359		1,784.2828	1,784.2828	0.3759		1,793.6806

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7500	14.9432	11.1193	0.0188		0.8803	0.8803		0.8359	0.8359	0.0000	1,784.2828	1,784.2828	0.3759		1,793.6806
Total	1.7500	14.9432	11.1193	0.0188		0.8803	0.8803		0.8359	0.8359	0.0000	1,784.2828	1,784.2828	0.3759		1,793.6806

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	27.7116	105.1253	250.3124	0.9202	91.8931	0.6616	92.5547	24.5508	0.6143	25.1651		94,262.4558	94,262.4558	4.7534		94,381.2902
Unmitigated	27.7116	105.1253	250.3124	0.9202	91.8931	0.6616	92.5547	24.5508	0.6143	25.1651		94,262.4558	94,262.4558	4.7534		94,381.2902

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	139.00	1,673.28	1231.26	786,140	786,140
Industrial Park	31.96	12.41	3.74	38,427	38,427
Parking Lot	0.00	0.00	0.00		
Recreational Swimming Pool	264.00	71.04	106.16	326,988	326,988
Regional Shopping Center	2,200.00	2,574.60	1300.40	3,248,700	3,248,700
Single Family Housing	19,880.00	20,695.08	17991.40	30,158,087	30,158,087
User Defined Residential	3,000.00	3,122.50	2717.50	4,551,456	4,551,456
Total	25,514.96	28,148.91	23,350.46	39,109,800	39,109,800

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Industrial Park	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Parking Lot	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Recreational Swimming Pool	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Regional Shopping Center	8.40	8.40	8.40	0.00	100.00	0.00	100	0	0
Single Family Housing	8.40	8.40	8.40	100.00	0.00	0.00	100	0	0
User Defined Residential	8.40	8.40	8.40	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Industrial Park	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Parking Lot	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Recreational Swimming Pool	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Regional Shopping Center	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
Single Family Housing	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837
User Defined Residential	0.614571	0.037691	0.177673	0.098627	0.012633	0.005296	0.017422	0.025155	0.001929	0.001711	0.005676	0.000778	0.000837

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763
NaturalGas Unmitigated	0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	417.781	4.5100e-003	0.0410	0.0344	2.5000e-004		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		49.1507	49.1507	9.4000e-004	9.0000e-004	49.4428
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	56.7123	6.1000e-004	5.5600e-003	4.6700e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004		6.6720	6.6720	1.3000e-004	1.2000e-004	6.7117
Single Family Housing	72167.1	0.7783	6.6507	2.8301	0.0425		0.5377	0.5377		0.5377	0.5377		8,490.2498	8,490.2498	0.1627	0.1557	8,540.7031
User Defined Residential	9069.32	0.0978	0.8892	0.7469	5.3300e-003		0.0676	0.0676		0.0676	0.0676		1,066.9782	1,066.9782	0.0205	0.0196	1,073.3188
Total		0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763

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	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Industrial Park	0.417781	4.5100e-003	0.0410	0.0344	2.5000e-004		3.1100e-003	3.1100e-003		3.1100e-003	3.1100e-003		49.1507	49.1507	9.4000e-004	9.0000e-004	49.4428
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Recreational Swimming Pool	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Regional Shopping Center	0.0567123	6.1000e-004	5.5600e-003	4.6700e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004		6.6720	6.6720	1.3000e-004	1.2000e-004	6.7117
Single Family Housing	72.1671	0.7783	6.6507	2.8301	0.0425		0.5377	0.5377		0.5377	0.5377		8,490.2498	8,490.2498	0.1627	0.1557	8,540.7031
User Defined Residential	9.06932	0.0978	0.8892	0.7469	5.3300e-003		0.0676	0.0676		0.0676	0.0676		1,066.9782	1,066.9782	0.0205	0.0196	1,073.3188
Total		0.8812	7.5864	3.6160	0.0481		0.6088	0.6088		0.6088	0.6088		9,613.0508	9,613.0508	0.1843	0.1762	9,670.1763

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Residential Interior

Use Low VOC Paint - Residential Exterior

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647
Unmitigated	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.1569					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	75.4075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7755	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120		166.3757	166.3757	0.1596		170.3647
Total	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647

Proctor Valley EIR Operational - San Diego County, Summer
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Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	18.1569					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	75.4075					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.7755	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120		166.3757	166.3757	0.1596		170.3647
Total	96.3398	1.0630	92.2992	4.8800e-003		0.5120	0.5120		0.5120	0.5120	0.0000	166.3757	166.3757	0.1596	0.0000	170.3647

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Proctor Valley EIR Operational Mitigation Report
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CalEEMod Version: CalEEMod.2016.3.1

Date: 12/18/2017 3:48 PM

**Proctor Valley EIR Operational
San Diego County, Mitigation Report**

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Building Construction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Cranes	Diesel	No Change	0	1	No Change	0.00
Forklifts	Diesel	No Change	0	3	No Change	0.00
Generator Sets	Diesel	No Change	0	1	No Change	0.00
Tractors/Loaders/Backhoes	Diesel	No Change	0	1	No Change	0.00
Welders	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Unmitigated tons/yr							Unmitigated mt/yr					
Cranes	2.20000E-004	2.63000E-003	1.00000E-003	0.00000E+000	1.10000E-004	1.00000E-004	0.00000E+000	2.26710E-001	2.26710E-001	7.00000E-005	0.00000E+000	2.28500E-001
Forklifts	2.40000E-004	2.14000E-003	1.79000E-003	0.00000E+000	1.70000E-004	1.50000E-004	0.00000E+000	2.05910E-001	2.05910E-001	7.00000E-005	0.00000E+000	2.07540E-001
Generator Sets	2.20000E-004	1.89000E-003	1.86000E-003	0.00000E+000	1.10000E-004	1.10000E-004	0.00000E+000	2.82600E-001	2.82600E-001	2.00000E-005	0.00000E+000	2.83050E-001
Tractors/Loaders/Backhoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	1.90000E-004	8.10000E-004	9.00000E-004	0.00000E+000	5.00000E-005	5.00000E-005	0.00000E+000	9.41100E-002	9.41100E-002	2.00000E-005	0.00000E+000	9.45000E-002

Proctor Valley EIR Operational Mitigation Report
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Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Mitigated tons/yr							Mitigated mt/yr					
Cranes	2.20000E-004	2.63000E-003	1.00000E-003	0.00000E+000	1.10000E-004	1.00000E-004	0.00000E+000	2.26710E-001	2.26710E-001	7.00000E-005	0.00000E+000	2.28500E-001
Forklifts	2.40000E-004	2.14000E-003	1.79000E-003	0.00000E+000	1.70000E-004	1.50000E-004	0.00000E+000	2.05910E-001	2.05910E-001	7.00000E-005	0.00000E+000	2.07540E-001
Generator Sets	2.20000E-004	1.89000E-003	1.86000E-003	0.00000E+000	1.10000E-004	1.10000E-004	0.00000E+000	2.82600E-001	2.82600E-001	2.00000E-005	0.00000E+000	2.83050E-001
Tractors/Loaders/Bac khoes	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Welders	1.90000E-004	8.10000E-004	9.00000E-004	0.00000E+000	5.00000E-005	5.00000E-005	0.00000E+000	9.41100E-002	9.41100E-002	2.00000E-005	0.00000E+000	9.45000E-002

[illegible]

Proctor Valley EIR Operational Mitigation Report
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Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction		PM2.5 Reduction			
No	Replace Ground Cover of Area Disturbed	PM10 Reduction		PM2.5 Reduction			
No	Water Exposed Area	PM10 Reduction		PM2.5 Reduction		Frequency (per day)	
No	Unpaved Road Mitigation	Moisture Content %		Vehicle Speed (mph)			
No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

[illegible]

Table 1: Project Detail			
Project Characteristic (unit)	Analyst Input	Notes	Source
Project Name	Proctor Valley EIR Operational	--	Project Description
Project Location	San Diego County	--	--
Wind speed (m/s)	default		
Precipitation Frequency (days)	default		
CEC Climate Forecasting Zone	13	--	CalEEMod Appendix E
Land Use Setting	Urban	based on availability of uses	--
Start of Construction	1-Jul-19	Central Village Schedule	Proctor Valley EIR Assumptions
Operational Year	2028	Central Village Schedule	Proctor Valley EIR Assumptions

Table 2: Utility Information			
Project Characteristic (unit)	Analyst Input	Notes	Source
Select Utility Company	San Diego Gas and Electric	project location	CEC, 2014
CO2 Intensity Factor (lb./Mwh)	427.49	Adjusted for RPS	
CH4 Intensity Factor (lb./Mwh)	default		
N2O Intensity Factor (lb./Mwh)	default		

Table 3: Pollutants			
Pollutant Selection	Pollutant Full Name	Notes	Source
checked	ROG	--	--
checked	NOx	--	--
checked	CO	--	--
checked	SO2	--	--
checked	PM 10	--	--
checked	PM 2.5	--	--
checked	Fugitive PM 10	--	--
checked	Fugitive PM 2.5	--	--
checked	Biogenic CO2	--	--
checked	Non-biogenic CO2	--	--
checked	CO2	--	--
checked	CH4	--	--
checked	N2O	--	--
checked	CO2e	--	--

Table 4: Land Use						
Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Square Feet ¹	Population ²
Recreational	City Park	13.9	acre	13.9	1,260	0
Industrial	Industrial Park (Public Safety)	8.5	1000sqft	2.1	8,500	0
Recreational	Recreational Swimming Pool	3	1000sqft	3.7	4,000	0
Retail	Regional Shopping Center	10	1000sqft	1.5	10,000	0
Parking	Parking Lot	629	1000sqft	14.44	629,496	0
Residential	Single Family Housing	994	dwelling unit	361.1	2,898,410	2762
Residential	User Defined Residential (Estate)	125	dwelling unit	368.0	591,125	344

Table 5: Vehicle Trips	
Land Use Subtype	Size Metric
Refer to Trip Generation Worksheet	

Table 6: Vehicle Emissions
default

Table 7: Fleet Mix													
Land Use Subtype	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
default													

Table 8: Paved Road Dust	
% Pave	default
Road Silt Loading (g/m2)	
Weight (tons)	

Table 9: Paved Road Dust	
Material Silt Content (%)	default
Material Moisture Content (%)	
Mean Vechile Speed (mph)	
CARB Unmitigated Unpaved Road Statewide Emissions Inventory Method	

Table 10: Woodstoves						
Residential Land Use Subtype	# Conventional	# Catalytic	# Non-Catalytic	# Pellet	Days/ Year	Wood Mass (lb./year)
Single Family Housing	0					

Table 10 cont.: Fireplaces							
Residential Land Use Subtype	# Wood	# Gas	# Propane	# No Fireplace	Hours/ Day	Days/Year	Wood Mass (lb./year)
Single Family Housing	0	878	0	116	default		
User Defined Residential	0	125	0	0			

Table 10: Consumer Products	
Category	Emission Factor
General Category	--
Parking	--
City Park Golf Course	--

Table 11: Area Architectural Coatings	
Reapplication Rate	--
Residential Interior	
Emission Factor (g/L)	150
square footage	--
Residential Exterior	
Emission Factor (g/L)	150
square footage	--
Parking	
Emission Factor (g/L)	--
square footage	--
Non-residential Interior	
Emission Factor (g/L)	150
square footage	--
Non-residential Exterior	
Emission Factor (g/L)	150
square footage	--
Source: SDAPCD Rule 67.0.1	

Table 12: Landscape Equipment	
Number of Days	
Snow Days	default
Summer Days	

Table 13: Energy Use					
Land Use Subtype	Title-24 Electricity Energy Intensity (kWhr/size/ year)	Nontitle-24 Electricity Energy Intensity (kWhr/size/ year)	Lighting Energy Intensity (kWhr/size/ year)	Title-24 Natural Gas Energy Intensity (kBTU/size /year)	Nontitle-24 Natural Gas Energy Intensity (kBTU/size /year)
Single Family Housing	971	2,371	993	22,000	4,500
User Defined Residential (Estate)	971	2,371	993	22,000	4,500
Industrial Park (Fire Station)	4.17	4.97	3.34	13.74	4.20
Parking Lot	0.00	0.00	0.75	0.00	0.00
Regional Shopping Center	2.86	3.16	5.46	0.98	1.09
Consol, 2017					

Table 14: Water and Wastewater

Land Use Subtype	Size Metric	Indoor Water Use (gals/year)	Outdoor Water Use (gals/year) ¹	Electricity Intensity Factor to Supply (kWhr/Mgal)	Electricity Intensity Factor to Treat (kWhr/Mgal)	Electricity Intensity Factor to Distribute (kWhr/ Mgal)	Electricity Intensity Factor or Wastewater Treatment (kWhr/ Mgal)	Septic Tank (%)	Aerobic (%)	Facultative Lagoons (%)	Anaerobic Digester with Combustion of Digester Gas (%)	Anaerobic Digester with Cogeneration from Combustion of Digester Gas (%)
Industrial Park	1000sqft	749,163	749,163	default					100	default		
Parking Lot	1000sqft	--	--									
City Park	Acre		18,327,380									
Recreational Swimming Pool	1000sqft	--	--									
Single Family Housing	Dwelling Unit	165,520,955	165,520,955									
User Defined Residential (Estate)	Dwelling Unit	--	--									
Regional Shopping Center	1000sqft	553,888	553,888									

Notes: Estate water use included in Single Family Housing. Recreational Swimming Pool water use included in city park.

Table 15: Solid Waste

Land Use Subtype	Size Metric	Solid Waste Generation Rate (tons/year) ¹	Landfill No Gas Capture (%)	Landfill Gas Flare (%)	Landfill Capture Gas Energy Recovery (%)
SFR		1314	default		
Note: Project Wide					

Note: Project Wide

Table 16: Off-Road Equipment

Equipment Type	Number of Equipment	Hours/Day	Days/Year	Horsepower (HP)	Load Factor	Fuel Type
default						

Table 17: Emergency Generators and Fire Pumps							
Equipment Type	Number of Equipment	Fuel Type	Horsepower (HP)	Load Factor (0-1)	Hours/Day	Hours/Year	Equipment Description
--							

Table 18: Generators / Fire Pumps EF
--

Table 19: Process Boilers						
Equipment Type	Number of Equipment	Fuel Type	Boiler Rating (MMBtu/hr.)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/year)	Equipment Description
--						

Table 20: Boilers EF
--

Table 21: User Defined
--

Table 22: Land Use Change				
Vegetation Land Use Type	Vegetation Land Use Subtype	Initial Acres	Final Acres	Annual CO2 accumulation per acres (tonnes CO2/year)
calculated outside CalEEMod				

Table 23: Sequestration		
Broad Species Class	Number of New Trees	Annual CO2 accumulation per tree (tonnes CO2/year)
calculated outside CalEEMod		

Table 24: Land Use & Site Enhancement

Project Setting	Low Density Suburban
Land Use	
Dwelling Units/acre	--
Jobs/Job acre	
Increase Diversity	
Improve Walkability Design	
Intersections/ Square Miles	
Increase Destination Accessibility	
Distance to Downtown Job Center (miles)	
Increase Transit Accessibility	
Distance to Transit Station (miles)	
Integrate Below Market Rate Housing	
% Dwelling Units Below Market Rate	
Neighborhood Enhancements	
Improve Pedestrian Network	--
Provide Traffic Calming Measures	
% Streets with Improvement	
% Intersections with Improvement	
Implement NEV Network	
Parking Policy/Pricing	
Limit Parking Supply	--
% Reduction in Spaces	
Unbundle Parking Costs	
Monthly Parking Cost (\$)	
On-Street Market Pricing	
% Increase in Price	
Transit Improvement	
Provide BRT System	--
% Lines BRT	
Expand Transit Network	
% Increase Transit Coverage	
Increase Transit Frequency	
Level of Implementation	
% Reduction in Headways	

Table 25	
Commute Trip	
Implementing Trip Reduction	--
% employee eligible	
Program Type	
Transit Subsidy	
Implementing Trip Reduction	
Daily Transit Subsidy Amount (\$)	
Implementing Employee Parking "Cash-Out"	
% employee eligible	
Workplace Parking Charge	
% employee eligible	
Daily Parking Charge (\$)	
Encourage Telecommuting and Alternative Work Schedules	
% employee work 9/80	
% employee work 4/40	
% employee telecommute 1.5 days	
Market Commute Trip Reduction Option	
% employee eligible	
Employee Vanpool/Shuttle	
% employee eligible	
% vanpool mode share	
Provide Ride Sharing Program	
% employee eligible	
School Trip	
Implement School Bus Program	--
% family using	

Table 26: Area Mitigation	
Hearth	
Only Natural Gas Hearth	--
No Hearth	
Consumer Products for General Category	
Use Low VOC Cleaning Supplies	--
Architectural Coating	
Use low VOC Paint (Residential Interior)	--
Use low VOC Paint (Residential Exterior)	
Use low VOC Paint (Non-Residential Interior)	
Use low VOC Paint (Non-Residential Exterior)	
Use low VOC Paint (Parking)	
Landscape Equipment	
% Electric Lawnmower	--
% Electric Leaf blower	
% Electric Chainsaw	

Table 27: Energy	
Building Energy	
Exceed Title 24	--
% Improvement	
Install High Efficiency Lighting	
% Lighting Energy Reduction	
Alternative Energy	
On-site Renewable Energy	--
kWh Generated	
% of Electric Use Generated	

Table 28: Energy Efficient Appliances		
Appliance Type	Land Use Subtype	% Improvement
Clothes Washer	--	
Dish Washer		
Fan		
Refrigerator		

Table 29: Water Mitigation	
Water Conservation Strategy	
Apply Water Conservation Strategy	--
% Reduction Indoor	
% Reduction Outdoor	
Water Supply	
Used Reclaimed Water	--
% Indoor Water Use	--
% Outdoor Water Use	
Use Gray Water	
% Indoor Water Use	
% Outdoor Water Use	
Indoor Water Use	
Install Low-flow Bathroom Faucet	--
% Reduction in flow	
Install Low-flow Kitchen Faucet	
% Reduction in flow	
Install Low-flow Toilet	
% Reduction in flow	
Install Low-flow Shower	
% Reduction in flow	
Outdoor Water Use	
Turf Reduction	--
Turf Reduction Area (acres)	
% Reduction turf	
Use Water-Efficient Irrigation Systems	
% Reduction	
Water Efficient Landscape	
MAWA (gal/yr)	
ETWU (gal/yr)	

Table 30: Solid Waste	
Institute Recycling and Composting Services	yes
% Reduction in waste disposed	75
Notes: 75% waste diversion consistent with AB 341 (not mitigation)	

APPENDIX B

Blasting and Rock-Crushing Emissions Estimates

**Proctor Valley
Blasting Characteristics**

Data	Units	PA16-19	PV North	JSP South	JSP Central	JSP North	Total
Blasting	cu yd/phase	845,839	28,414	70,951	1,918,440	269,712	3,133,356
Days	days	95	5	10	215	30	355
Blasting per day	cu yd/day	8,904	5,683	7,095	8,923	8,990	39,595
Explosive	lb/day	9,789	6,400	7,800	9,814	9,867	43,670
Area Blasted	sq ft/phase	2,032,312	68,271	170,475	4,609,469	648,042	7,528,569
	sq ft/day	21,393	13,654	17,048	21,439	21,601	95,135

Proctor Valley EIR
Blasting Emissions
Phase PV PA 16/19

Anticipated blasting activities is assumed to include the following:

Assumptions:

- 15,000 cubic yard/blast
- 1 blast/day
- 8.25 ton explosives/per 15,000 CY blast (maximum blast)
- 11.24 feet average depth

Project Phase Estimates:

- 845,839 total cubic yard/phase
- 56.4 total blasts
- 465.21 total ton explosives/phase
- 8.25 maximum ton explosives/day
- 75,253 total square feet blasted/phase
- 1,335 maximum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	140.25	7,908.59	3.95
CO	1	67	lb/ton	552.75	31,169.17	15.58
SOx	1	2	lb/ton	16.50	930.42	0.47
PM ₁₀	2	—	lb/blast	0.35	150.28	0.08
PM _{2.5}	2	—	lb/blast	0.02	8.67	0.00

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.
 $PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.
 $PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

Notes:

lb = pounds

**Proctor Valley EIR
Blasting Emissions
Phase PV Rd North**

Anticipated blasting activities is assumed to include the following:

Assumptions:

- 15,000 cubic yard/blast
- 1 blast/day
- 8.25 ton explosives/per 15,000 CY blast (maximum blast)
- 11.24 feet average depth

Project Phase Estimates:

- 28,414 total cubic yard/phase
- 1.9 total blasts
- 15.63 total ton explosives/phase
- 8.25 maximum ton explosives/day
- 2,528 total square feet blasted/phase
- 1,335 maximum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	140.25	265.67	0.13
CO	1	67	lb/ton	552.75	1,047.06	0.52
SOx	1	2	lb/ton	16.50	31.26	0.02
PM ₁₀	2	—	lb/blast	0.35	0.93	0.00
PM _{2.5}	2	—	lb/blast	0.02	0.05	0.00

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.

$PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

$PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

Notes:

lb = pounds

**Proctor Valley EIR
Blasting Emissions
Phase JSP South**

Anticipated blasting activities is assumed to include the following:

Assumptions:

- 15,000 cubic yard/blast
- 1 blast/day
- 8.25 ton explosives/per 15,000 CY blast (maximum blast)
- 11.24 feet average depth

Project Phase Estimates:

- 70,951 total cubic yard/phase
- 4.7 total blasts
- 39.02 total ton explosives/phase
- 8.25 maximum ton explosives/day
- 6,312 total square feet blasted/phase
- 1,335 maximum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	140.25	663.39	0.33
CO	1	67	lb/ton	552.75	2,614.54	1.31
SOx	1	2	lb/ton	16.50	78.05	0.04
PM ₁₀	2	—	lb/blast	0.35	3.65	0.00
PM _{2.5}	2	—	lb/blast	0.02	0.21	0.00

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.
 $PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.
 $PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

Notes:

lb = pounds

**Proctor Valley EIR
Blasting Emissions
JSP Central**

Anticipated blasting activities is assumed to include the following:

Assumptions:

- 15,000 cubic yard/blast
- 1 blast/day
- 8.25 ton explosives/per 15,000 CY blast (maximum blast)
- 11.24 feet average depth

Project Phase Estimates:

- 1,918,440 total cubic yard/phase
- 127.9 total blasts
- 1,055.14 total ton explosives/phase
- 8.25 maximum ton explosives/day
- 170,680 total square feet blasted/phase
- 1,335 maximum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	140.25	17,937.41	8.97
CO	1	67	lb/ton	552.75	70,694.51	35.35
SOx	1	2	lb/ton	16.50	2,110.28	1.06
PM ₁₀	2	—	lb/blast	0.35	513.34	0.26
PM _{2.5}	2	—	lb/blast	0.02	29.62	0.01

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.

$PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

$PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

Notes:

lb = pounds

**Proctor Valley EIR
Blasting Emissions
JSP North**

Anticipated blasting activities is assumed to include the following:

Assumptions:

- 15,000 cubic yard/blast
- 1 blast/day
- 8.25 ton explosives/per 15,000 CY blast (maximum blast)
- 11.24 feet average depth

Project Phase Estimates:

- 269,712 total cubic yard/phase
- 18.0 total blasts
- 148.34 total ton explosives/phase
- 8.25 maximum ton explosives/day
- 23,996 total square feet blasted/phase
- 1,335 maximum square feet blasted/day

Emissions Calculations:

Pollutant	Source	Emission Factor	Units	Maximum Daily (lbs/day)	Annual (lbs/year)	Annual (ton/year)
ROG	1	N/A	lb/ton	—	—	—
NOx	1	17	lb/ton	140.25	2,521.81	1.26
CO	1	67	lb/ton	552.75	9,938.89	4.97
SOx	1	2	lb/ton	16.50	296.68	0.15
PM ₁₀	2	—	lb/blast	0.35	27.06	0.01
PM _{2.5}	2	—	lb/blast	0.02	1.56	0.00

Source/Reference:

1. AP-42, Section 13.3, Table 13.3-1 for ANFO.
2. AP-42, Section 11.9, Table 11.9-1.
 $PM_{10} = 0.52 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.
 $PM_{2.5} = 0.03 \times 0.000014 \times (A)^{1.5}$, where A is the horizontal area blasted.

Notes:

lb = pounds

**Proctor Valley EIR
Rock Crusher Emissions**

Equation:

Drop Operations Formula

$$EF(PM) = (k \cdot 0.0032) \cdot (U/5)^{1.3} / (M/2)^{1.4}$$

$$\begin{aligned} k(PM_{10}) &= 0.35 \\ k(PM_{2.5}) &= 0.053 \\ U &= 2.98 \text{ mph} \\ M &= 3\% \end{aligned}$$

$$\begin{aligned} EF PM_{10} &= 0.000323 \\ EF PM_{2.5} &= 0.000049 \end{aligned}$$

Where:

EF = emission factor (pounds per ton)

k = particle size multiplier (dimensionless)

U = mean wind speed, meters per second (m/s) (miles per hour (mph))

M = material moisture content (%)

Reference:

AP42 Section 13.2.4.3 - Predictive Emission Factor Equations

Assumptions:

Production Rate Information

3,769 cubic yard/day
1.3 tons/cubic yard
4,900 ton/day

Emissions Calculations:

Equipment Type	Throughput	PM ₁₀		PM _{2.5}		
	Tons/day	Emission Factor (lb/ton)	Daily (lb/day)	Emission Factor (lb/ton)	Daily (lb/day)	Daily (lb/hour)
Hopper Loading	4,900	0.000323	1.58	0.000049	0.240	1.00E-02
Primary Crusher	4,900	0.00054	2.65	0.0001	0.490	2.04E-02
Conveyor Transfer	4,900	0.000046	0.23	0.000013	0.064	2.65E-03
Screen 1	4,900	0.00074	3.63	0.00005	0.245	1.02E-02
Conveyor Transfer	1,470	0.000046	0.07	0.000013	0.019	7.96E-04
Conveyor Transfer to Pile	1,470	0.000323	0.47	0.000049	0.072	2.65E-03
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.02E-02
Secondary Crusher	3,430	0.00054	1.85	0.000100	0.343	1.43E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	1.86E-03
Screen 2	3,430	0.00074	2.54	0.00005	0.172	1.02E-02
Conveyor Transfer	3,430	0.000046	0.16	0.000013	0.045	7.96E-04
Conveyor Transfer to Pile	3,430	0.000323	1.11	0.000049	0.168	3.00E-03
Total Rock Crushing			14.59		1.95	2.09

PV Rd North

No. of Rock Crushing Facilities 1

	PM₁₀	PM_{2.5}
Total Rock Crushing	14.59	1.95

JSP South

No. of Rock Crushing Facilities 1

	PM₁₀	PM_{2.5}
Total Rock Crushing	14.59	1.95

JSP Central

No. of Rock Crushing Facilities 3

	PM₁₀	PM_{2.5}
Total Rock Crushing	43.78	5.84

JSP North

No. of Rock Crushing Facilities 1

	PM₁₀	PM_{2.5}
Total Rock Crushing	14.59	1.95

JSP PA 16/19

No. of Rock Crushing Facilities 2

	PM₁₀	PM_{2.5}
Total Rock Crushing	29.19	3.89

References/Notes:

Emission Factors from AP-42, Section 11.19.2 (Crushed Stone Processing), Table 11.19.2-2 (controlled factors).

Emission Factor for drop operation (conveyor to product pile) from AP-42, Section 13.2.4 (Aggregate Handling and Storage Piles), Equation 1. Wind speed is obtained from mean of Escondido 2010-2012 meteorological data. Moisture content is assumed to be 3%.

**Proctor Valley
Rock Crushing Operation
Diesel Engine-Generator Emissions - Unmitigated**

JSP South

Assumptions:

No. of Units	2
Daily Operating Schedule	8.0 hr/day
Operating Days	20 days/yr

Emissions Calculations:

[illegible]

JSP Central

Assumptions:

No. of Units	2
Daily Operating Schedule	8.0 hr/day
Operating Days 2020	20 days/yr
Operating Days 2021	58 days/yr

Emissions Calculations:

[illegible]

[illegible]

JSP PA 16/19

No. of Units	2
Daily Operating Schedule	8.0 hr/day
Operating Days	110 days/yr

[illegible]

JSP South

No. of Units	2
Daily Operating Schedule	8.0 hr/day
Operating Days	20 days/yr

	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4
gm/BHP-hr	0.032	1.571	1.924	0.004	0.010	0.010	420.541	0.019
lb/day	1.13	55.43	67.87	0.13	0.36	0.36	14833.91	0.65
ton/year	0.01	0.55	0.68	0.00	0.00	0.00	148.34	0.01
metric ton/yr							134.57	0.01

No. of Units	2
Daily Operating Schedule	8.0 hr/day
Operating Days 2020	20 days/yr
Operating Days 2021	58 days/yr

[illegible]

APPENDIX C

Carbon Monoxide Hotspot Analysis

Air Quality Technical Report for the Otay Ranch Village 14 and Planning Areas 16/19 Project

Appendix C – CO Hotspots Screening Analysis

County San Diego Guidance

The County's Guidance states the following:

“CO emissions are the result of the combustion process and therefore primarily associated with mobile source emissions (vehicles). CO concentrations tend to be higher in urban areas where there are many mobile-source emissions. CO “hotspots” or pockets where the CO concentration exceeds the NAAQS and/or CAAQS, have been found to occur only at signalized intersections that operate at or below level of service (LOS) E with peak-hour trips for that intersection exceeding 3,000 trips¹. Therefore, any project that would place receptors within 500 feet of a signalized intersection operating at or below LOS E (peak-hour trips exceeding 3,000 trips) must conduct a “hotspot” analysis for CO. Likewise, projects that will cause road intersections to operate at or below a LOS E (with intersection peak-hour trips exceeding 3,000) will also have to conduct a CO “hotspot” analysis.”

For the cumulative impact analysis, the County's Guidance states:

“The following guidelines for determining significance must be used for determining the cumulatively considerable net increase during the operational phase:

- Projects that cause road intersections to operate at or below level of service E (analysis required only when the addition of peak-hour trips from the proposed project and the surrounding projects exceeds 2,000) **and** create a CO hotspot create a cumulatively considerable net increase of CO.” [emphasis added]

¹ Based on Table 5.4 Project Related CO Concentration Levels of the Sacramento Metropolitan Air Quality Management District Guide to Air Quality Assessment.

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Appendix C – CO Hotspots Screening Analysis

Existing Conditions

Under the Existing Conditions scenario, all key study intersections currently operate at LOS D or better, with the exception of the SR-94 / Lyons Valley Road intersection which operates at LOS F during both the AM and PM peak hours; however, the peak-hour trips at this intersection (1,296 AM peak hour trips and 1,349 PM peak hour trips) do not exceed the screening level of 3,000 vehicle trips.

Table 1 presents Peak Hour Intersection LOS Results – Existing Plus Project Buildout Conditions.

Table 1
Peak Hour Intersection LOS Results – Existing Plus Project Buildout Conditions

#	Intersection	Control	Existing + Project				Existing		Impact Criteria by Jurisdiction			Candidate for CO Hotspots Analysis?
			AM Peak Hour		PM Peak Hour		Avg. Delay (sec.)	LOS	Caltrans/ San Diego	Chula Vista	County	
			Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	AM/PM	AM/PM	
1	SR-94 & Lyons Valley Road	SSSC	86.8	F	82.8	F	81.5 / 79.7	F / F	5.3 / 3.1			Yes
2	Proctor Valley Road/Jefferson Road & SR-94	Signal	10.8	B	10.2	B	10.6 / 10.0	B / B	0.2 / 0.2			No
3	Proctor Valley Road & Maxfield Road	SSSC	9.0	A	9.1	A	9.0 / 9.0	A / A				No
4	Proctor Valley Road & Melody Road	SSSC	8.6	A	8.5	A	8.4 / 8.4	A / A				No
5	SR-94 & Melody Road	SSSC	13.6	B	18.1	C	13.6 / 18.1	B / C	0.0 / 0.0			No
6	San Miguel Ranch Road & SR-125 SB Ramps	Signal	21.8	C	18.9	B	21.7 / 18.8	C / B		11.6% / 10.4%		No
7	San Miguel Ranch Road & SR-125 NB Ramp	Signal	16.9	B	13.5	B	16.7 / 13.3	B / B		8.8% / 10.0%		No
8	I-805 SB Ramp & East H Street	Signal	8.2	A	10.1	B	7.8 / 9.7	A / A		0.9% / 0.7%		No
9	I-805 NB Ramp & East H Street	Signal	10.0	A	12.0	B	9.8 / 11.4	A / B		1.8% / 2.0%		No
10	Terra Nova Drive & East H Street	Signal	13.9	B	12.0	B	13.0 / 11.0	B / B		3.0% / 3.5%		No

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Table 1
Peak Hour Intersection LOS Results – Existing Plus Project Buildout Conditions

#	Intersection	Control	Existing + Project				Existing		Impact Criteria by Jurisdiction			Candidate for CO Hotspots Analysis?
			AM Peak Hour		PM Peak Hour		Avg. Delay (sec.)	LOS	Caltrans/ San Diego	Chula Vista	County	
			Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	AM/PM	AM/PM	
11	Del Rey Boulevard & East H Street	Signal	11.6	B	8.7	A	11.1 / 8.5	B / A		3.2% / 3.7%		No
12	Paseo Del Rey & East H Street	Signal	20.8	C	28.5	C	19.9 / 25.7	B / C		3.5% / 3.8%		No
13	Paseo Ranchero & East H Street	Signal	51.7	D	48.2	D	50.8 / 42.6	D / D		3.5% / 4.4%		No
14	Otay Lakes Road & East H Street	Signal	42.6	D	33.4	C	37.2 / 29.2	D / C		4.7% / 5.7%		No
15	SR-125 SB Ramp & East H Street	Signal	5.5	A	6.9	A	5.0 / 6.1	A / A		13.4% / 17.7%		No
16	SR-125 NB Ramp & Proctor Valley Road	Signal	3.3	A	4.1	A	3.4 / 4.0	A / A		15.1% / 20.4%		No
17	Mt Miguel Road & Proctor Valley Road	Signal	33.8	C	28.3	C	23.7 / 20.3	C / C		15.5% / 20.2%		No
18	Lane Avenue & Proctor Valley Road	Signal	27.2	C	40.2	D	16.8 / 23.0	B / C		24.0% / 30.2%		No
19	Hunte Parkway & Proctor Valley Road	Signal	33.6	C	16.2	B	18.9 / 13.6	B / B		29.7% / 48.8%		No
20	Agua Vista Drive / Northwoods Drive & Proctor Valley Road	AWSC	55.4	F	40.2	E	8.6 / 8.4	A / A		72.2% / 80.6%		Yes
21	East Lake Parkway & Fenton Street	Signal	18.8	B	33.1	C	18.2 / 31.4	B / C		1.8% / 1.4%		No
22	Lane Avenue & Fenton Street	Signal	18.3	B	27.3	C	17.8 / 24.9	B / C		4.2% / 3.5%		No
23	Heritage Road/Paseo Ranchero & Telegraph Canyon Road	Signal	46.6	D	25.4	C	45.4 / 24.9	D / C		0.7% / 1.1%		No
24	La Media Road & Telegraph Canyon Road / Otay Lakes Road	Signal	27.6	C	27.2	C	27.1 / 26.8	C / C		0.6% / 0.7%		No
25	SR-125 SB Ramps & Otay Lakes Road	Signal	9.6	A	11.0	B	9.6 / 10.9	A / B		0.0% / 0.3%		No

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Appendix C – CO Hotspots Screening Analysis

Table 1
Peak Hour Intersection LOS Results – Existing Plus Project Buildout Conditions

#	Intersection	Control	Existing + Project				Existing		Impact Criteria by Jurisdiction			Candidate for CO Hotspots Analysis?
			AM Peak Hour		PM Peak Hour		Avg. Delay (sec.)	LOS	Caltrans/ San Diego	Chula Vista	County	
			Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	AM/PM	AM/PM	
26	SR-125 NB Ramps & Otoy Lakes Road	Signal	8.4	A	8.8	A	8.4 / 8.8	A / A		0.0% / 0.3%		No
27	East Lake Parkway & Otoy Lakes Road	Signal	32.2	C	33.1	C	31.9 / 32.6	C / C		1.4% / 1.2%		No
28	Lane Avenue & Otoy Lakes Road	Signal	11.5	B	35.6	D	11.3 / 25.4	B / C		2.2% / 2.6%		No
29	Fenton Street & Otoy Lakes Road	Signal	8.9	A	9.8	A	8.8 / 9.0	A / A		4.8% / 5.7%		No
30	Hunte Parkway & Otoy Lakes Road	Signal	26.1	C	18.5	B	23.1 / 17.2	C / B		5.7% / 8.7%		No
31	East Lake Parkway & Olympic Parkway	Signal	17.0	B	19.7	B	17.0 / 19.7	B / B		0.7% / 0.7%		No
32	Hunte Parkway & Olympic Parkway	Signal	16.0	B	14.3	B	15.8 / 13.9	B / B		4.3% / 5.6%		No
33	East Lake Parkway & Hunte Parkway	Signal	Does Not Exist				Does Not Exist			-		No
34	Proctor Valley Road & Project Driveway #1	RA	8.6	A	16.7	C	Does Not Exist					No
35	Proctor Valley Road & Project Driveway #2	SSSC	9.7	A	13.2	B	Does Not Exist					No
36	Proctor Valley Road & Project Driveway #3	RA	6.5	A	9.7	A	Does Not Exist					No
37	Proctor Valley Road & Project Driveway #4	RA	5.2	A	7.2	A	Does Not Exist					No
38	Proctor Valley Road & Project Driveway #5	RA	4.3	A	4.8	A	Does Not Exist					No
39	Proctor Valley Road & Project Driveway #6	SSSC	9.0	A	9.0	A	Does Not Exist					No
40	Proctor Valley Road & Project Driveway #7	SSSC	9.6	A	9.8	A	Does Not Exist					No
41	Proctor Valley Road & Project Driveway #8	RA	3.8	A	4.0	A	Does Not Exist					No

Source: Proctor Valley Village 14 and Preserve Specific Plan Traffic Impact Study, Table 5.1 Peak Hour Intersection LOS Results – Existing Plus Project Buildout Conditions (Chen Ryan 2017)

Notes:

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Appendix C – CO Hotspots Screening Analysis

SSSC: Side street stop control
AWSC: All-way stop controlled intersection.
RA: Roundabout.

Existing Plus Project Buildout Conditions

Under the Existing Plus Project Buildout Conditions scenario, all key study intersections are projected to operate at LOS D or better with the exception of the SR-94 / Lyons Valley Road (LOS F during the AM and PM Peak hours) and Agua Vista Drive / Northwoods Drive and Proctor Valley Road (LOS F during the AM and LOS E during the PM hours). To mitigate direct impacts, the TIS identified required mitigation for the SR-94 / Lyons Valley Road intersection, which includes signalization by the 741th EDU. Although the signalization mitigation would improve LOS to acceptable levels, this intersection is a Caltrans facility and the County does not have jurisdiction to permit or implement improvements; therefore, mitigation was determined to be infeasible. However, the trip volume at this intersection was estimated to be 1,316 trips per hour in the AM and 1,375 trips per hour in the PM, which would not exceed the County's screening criteria. For the Agua Vista Drive / Northwoods Drive and Proctor Valley Road intersection, a similar situation exists where signalization is feasible, but the intersection is within the City of Chula Vista and the County does not have jurisdiction. The trip volume was estimated to be 1,285 trips per hour in the AM and 1,497 trips per hour in the PM, which would not exceed the County's screening criteria.

Table 2 presents Peak Hour Intersection LOS Results – Year 2025 Cumulative Conditions.

Table 2
Peak Hour Intersection LOS Results – Year 2025 Cumulative Conditions

Intersection	Control	Year 2025		Impact Criteria by Jurisdiction			Candidate for CO Hotspots Analysis
		AM Peak Hour	PM Peak Hour	Caltrans/ San Diego Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	

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Appendix C – CO Hotspots Screening Analysis

			Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	
1	SR-94 & Lyons Valley Road	SSSC	>500	F	>500	F	-			Yes
2	Proctor Valley Road/Jefferson Road & SR-94	Signal	21.9	C	37.3	D	N/A			No
3	Proctor Valley Road & Maxfield Road	SSSC	12.2	B	13.3	B	N/A			No
4	Proctor Valley Road & Melody Road	SSSC	8.7	A	9.1	A	N/A			No
5	SR-94 & Melody Road	Signal	11.4	B	11.2	B	N/A			No
6	San Miguel Ranch Road & SR-125 SB Ramps	Signal	22.1	C	19.3	B		8.9% / 8.1%		No
7	San Miguel Ranch Road & SR-125 NB Ramp	Signal	17.4	B	14.8	B		6.8% / 7.8%		No
8	I-805 SB Ramp & East H Street	Signal	9.7	A	13.1	B		0.6% / 0.5%		No
9	I-805 NB Ramp & East H Street	Signal	10.2	B	13.8	B		1.8% / 1.9%		No
10	Terra Nova Drive & East H Street	Signal	14.4	B	17.0	B		1.7% / 2.1%		No
11	Del Rey Boulevard & East H Street	Signal	13.2	B	9.3	A		1.9% / 2.2%		No
12	Paseo Del Rey & East H Street	Signal	20.9	C	29.5	C		2.0% / 2.3%		No
13	Paseo Ranchero & East H Street	Signal	52.1	D	49.0	D		2.1% / 2.8%		No
14	Otay Lakes Road & East H Street	Signal	38.4	D	41.6	D		2.7% / 3.4%		No
15	SR-125 SB Ramp & East H Street	Signal	6.2	A	7.4	A		8.6% / 11.6%		No
16	SR-125 NB Ramp & Proctor Valley Road	Signal	3.8	A	5.3	A		9.9% / 13.6%		No
17	Mt Miguel Road & Proctor Valley Road	Signal	38.0	D	30.3	C		8.9% / 13.4%		No
18	Lane Avenue & Proctor Valley Road	Signal	31.2	C	36.7	D		13.3% / 17.4%		No
19	Hunte Parkway & Proctor Valley Road	Signal	26.8	C	21.9	C		16.1% / 24.3%		No
20	Agua Vista Drive / Northwoods Drive & Proctor Valley Road	AWSC	57.2	F	44.6	E		35.4% / 43.1%		Yes
21	East Lake Parkway & Fenton Street	Signal	25.3	C	44.3	D		1.7% / 1.5%		No

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Appendix C – CO Hotspots Screening Analysis

Table 2
Peak Hour Intersection LOS Results – Year 2025 Cumulative Conditions

Intersection		Control	Year 2025				Impact Criteria by Jurisdiction			Candidate for CO Hotspots Analysis
			AM Peak Hour		PM Peak Hour		Caltrans/ San Diego Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	
			Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	
22	Lane Avenue & Fenton Street	Signal	35.2	D	35.9	D		2.0% / 2.5%		No
23	Heritage Road/Paseo Ranchero & Telegraph Canyon Road	Signal	52.2	D	52.9	D		0.5% / 0.6%		No
24	La Media Road & Telegraph Canyon Road / Otay Lakes Road	Signal	47.0	D	53.6	D		0.3% / 0.4%		No
25	SR-125 SB Ramps & Otay Lakes Road	Signal	11.7	B	11.4	B		0.4% / 0.4%		No
26	SR-125 NB Ramps & Otay Lakes Road	Signal	9.2	A	12.5	B		0.3% / 0.4%		No
27	East Lake Parkway & Otay Lakes Road	Signal	41.9	D	49.5	D		1.0% / 1.1%		No
28	Lane Avenue & Otay Lakes Road	Signal	20.9	C	35.0	D		1.4% / 1.6%		No
29	Hunte Parkway & Otay Lakes Road	Signal	19.2	B	26.1	C		1.9% / 2.3%		No
30	Fenton Street & Otay Lakes Road	Signal	29.6	C	53.0	D		2.3% / 3.2%		No
31	East Lake Parkway & Olympic Parkway	Signal	27.3	C	33.4	C		0.1% / 0.1%		No
32	Hunte Parkway & Olympic Parkway	Signal	20.5	C	44.4	D		1.1% / 1.0%		No
33	East Lake Parkway & Hunte Parkway	Signal	29.8	C	30.1	C		0.8% / 1.1%		No
34	Proctor Valley Road & Project Driveway #1	RA	13.2	B	17.8	C			N/A	No
35	Proctor Valley Road & Project Driveway #2	SSSC	12	B	13.5	B			N/A	No

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Table 2
Peak Hour Intersection LOS Results – Year 2025 Cumulative Conditions

Intersection		Control	Year 2025				Impact Criteria by Jurisdiction			Candidate for CO Hotspots Analysis
			AM Peak Hour		PM Peak Hour		Caltrans/ San Diego Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	
			Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	
36	Proctor Valley Road & Project Driveway #3	RA	17.3	C	10.4	B			N/A	No
37	Proctor Valley Road & Project Driveway #4	RA	10.1	B	8.4	A			N/A	No
38	Proctor Valley Road & Project Driveway #5	RA	7.0	A	6.9	A			N/A	No
39	Proctor Valley Road & Project Driveway #6	SSSC	12.0	B	10.5	B			N/A	No
40	Proctor Valley Road & Project Driveway #7	SSSC	13.0	B	11.1	B			N/A	No
41	Proctor Valley Road & Project Driveway #8	RA	3.8	A	6.3	A			N/A	No

Source: Proctor Valley Village 14 and Preserve Specific Plan Traffic Impact Study, Table 6.2 Peak Hour Intersection LOS Results – Year 2025 Cumulative Conditions (Chen Ryan 2017)

Notes:

SSSC: Side street stop control

AWSC: All-way stop controlled intersection.

RA: Roundabout.

Year 2025 Cumulative Conditions

Similar to the Existing Plus Project Buildout Conditions scenario, all key study intersections within the County are projected to operate at LOS D or better under Year 2025 Cumulative Conditions with the exception of the SR-94 / Lyons Valley Road (LOS F during the AM and PM Peak hours), Agua Vista Drive / Northwoods Drive & Proctor Valley Road (LOS F in AM and LOS E in PM), and signalization mitigation to reduce impacts at the intersections was determined to be infeasible. Peak hour trips at SR-94 / Lyons

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Appendix C – CO Hotspots Screening Analysis

Valley Road was above the screening criteria for cumulative conditions, at 2,280 trips per hour in AM and 2,140 trips per hour in the PM. The intersection at Agua Vista Drive / Northwoods Drive & Proctor Valley Road had peak hour trips of 1,758 in the AM and 1,942 in the PM and thus did not exceed the cumulative conditions screening threshold.

Table 3 presents Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions.

Table 3
Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions

#	Intersection	Year 2030 Cumulative				Impact Criteria by Jurisdiction			
		AM Peak Hour		PM Peak Hour		Caltrans/ San Diego Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	Candidate for CO Hotspots Analysis?
		Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/P M	
1	SR-94 & Lyons Valley Road	>500	F	>500	F	-			Yes
2	Proctor Valley Road/Jefferson Road & SR-94	37.5	D	41.8	D	N/A			No
3	Proctor Valley Road & Maxfield Road	13.1	B	11.2	B	N/A			No
4	Proctor Valley Road & Melody Road	8.8	A	9.4	A	N/A			No
5	SR-94 & Melody Road	14.0	B	18.3	B	N/A			No
6	San Miguel Ranch Road & SR-125 SB Ramps	22.0	C	19.5	B		10.8% / 8.5%		No
7	San Miguel Ranch Road & SR-125 NB Ramp	17.0	B	15.0	B		8.4% / 8.2%		No
8	I-805 SB Ramp & East H Street	13.4	B	13.4	B		1.0% / 0.8%		No
9	I-805 NB Ramp & East H Street	10.7	B	15.0	B		1.2% / 1.2%		No
10	Terra Nova Drive & East H Street	16.3	B	21.5	C		1.2% / 1.3%		No
11	Del Rey Boulevard East H Street	13.1	B	11.1	B		1.3% / 1.3%		No
12	Paseo Del Rey & East H Street	22.6	C	42.9	D		3.5% / 3.3%		No
13	Paseo Ranchero & East H Street	53.7	D	52.5	D		3.7% / 4.2%		No

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Table 3
Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions

#	Intersection	Year 2030 Cumulative				Impact Criteria by Jurisdiction			
		AM Peak Hour		PM Peak Hour		Caltrans/ San Diego Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	Candidate for CO Hotspots Analysis?
		Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/P M	
14	Otay Lakes Road & East H Street	41.2	D	50.9	D		5.1% / 4.8%		No
15	SR-125 SB Ramp & East H Street	6.3	A	8.0	A		14.1% / 15.4%		No
16	SR-125 NB Ramp & Proctor Valley Road	3.9	A	6.3	A		15.5% / 18.3%		No
17	Mt Miguel Road & Proctor Valley Road	51.1	D	35.9	D		13.8% / 17.5%		No
18	Lane Avenue & Proctor Valley Road	43.3	D	46.3	D		21.6% / 21.8%		No
19	Hunte Parkway & Proctor Valley Road	23.5	C	33.0	C		27.2% / 28.9%		No
20	Agua Vista Drive / Northwoods Drive & Proctor Valley Road	49.5	E	61.4	F		49.7% / 51.3%		Yes
21	East Lake Parkway & Fenton Street	25.9	C	50.4	D		3.3% / 2.5%		No
22	Lane Avenue & Fenton Street	35.9	D	45.2	D		2.5% / 2.0%		No
23	Heritage Road/Paseo Ranchero & Telegraph Canyon Road	53.9	D	51.5	D		1.0% / 1.3%		No
24	La Media Road & Telegraph Canyon Road / Otay Lakes Road	49.2	D	53.8	D		0.5% / 0.6%		No
25	SR-125 SB Ramps & Otay Lakes Road	12.5	B	13.1	B		1.1% / 0.9%		No
26	SR-125 NB Ramps & Otay Lakes Road	9.8	A	20.4	C		1.4% / 1.6%		No
27	East Lake Parkway & Otay Lakes Road	48.2	D	51.8	D		1.3% / 1.4%		No
28	Lane Avenue & Otay Lakes Road	22.2	C	42.6	D		1.3% / 1.8%		No
29	Fenton Street & Otay Lakes Road	25.5	C	29.9	C		2.2% / 2.3%		No
30	Hunte Parkway & Otay Lakes Road	42.7	D	44.7	D		3.4% / 4.2%		No

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Appendix C – CO Hotspots Screening Analysis

Table 3
Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions

#	Intersection	Year 2030 Cumulative				Impact Criteria by Jurisdiction			
		AM Peak Hour		PM Peak Hour		Caltrans/ San Diego Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	Candidate for CO Hotspots Analysis?
		Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/P M	
31	East Lake Parkway & Olympic Parkway	28.5	C	34.1	C		0.5% / 0.4%		No
32	Hunte Parkway & Olympic Parkway	34.9	C	47.8	D		1.8% / 1.5%		No
33	East Lake Parkway & Hunte Parkway	51.9	D	44.9	D		1.1% / 1.2%		No
34	Proctor Valley Road & Project Driveway #1	24.0	C	27.7	D			N/A	No
35	Proctor Valley Road & Project Driveway #2	13.7	B	14.9	B			N/A	No
36	Proctor Valley Road & Project Driveway #3	26.8	D	13.8	B			N/A	No
37	Proctor Valley Road & Project Driveway #4	18.3	C	11.1	B			N/A	No
38	Proctor Valley Road & Project Driveway #5	13.7	B	8.4	A			N/A	No
39	Proctor Valley Road & Project Driveway #6	14.9	B	11.9	B			N/A	No
40	Proctor Valley Road & Project Driveway #7	20	C	12.6	B			N/A	No
41	Proctor Valley Road & Project Driveway #8	12.4	B	7.7	A			N/A	No

Source: Proctor Valley Village 14 and Preserve Specific Plan Traffic Impact Study, Table 7.1 Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions (Chen Ryan 2017)

Notes:

SSSC: Side street stop control

AWSC: All-way stop controlled intersection.

RA: Roundabout.

Year 2030 Cumulative Conditions

It is anticipated that under the Year 2030 Cumulative Conditions scenario, the Northwoods Drive / Agua Vista Drive and Proctor Valley Road intersection would operate at an unacceptable LOS (LOS E - AM Peak hour / LOS F - PM Peak hour). The SR-94 /

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Lyons Valley Road, which operates at LOS F under Existing Conditions, would continue to operate at LOS F under this scenario. Mitigation requiring signalization was determined to mitigate the direct impact both intersections; however, these intersections are located within the City of Chula Vista and the County does not have the jurisdiction to permit or implement improvements. As such, mitigation would also be infeasible at buildout. For the SR-94 / Lyons Valley Road intersection, the peak hourly trips were 2,490 in the AM and 2,876 in the PM, which exceed the County's screening criteria. Similarly, for the Northwoods Drive / Agua Vista Drive and Proctor Valley Road intersection, the peak hourly trips were 2,177 in the AM and 2,439 in the PM, which also exceed the screening threshold.

Table 4 presents Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions With Full GDP/SRP Buildout.

Table 4
Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions With Full GDP/SRP Buildout

#	Intersection	Year 2030 Cumulative Conditions With Full GDP/SRP Buildout				Impact Criteria by Jurisdiction			
		AM Peak Hour		PM Peak Hour		Caltrans/ San Diego Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	Candidate for CO Hotspots Analysis?
		Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	
1	SR-94 & Lyons Valley Road	>500	F	>500	F	-			Yes
2	Proctor Valley Road/Jefferson Road & SR-94	40.5	D	42.3	D	N/A			No
3	Proctor Valley Road & Maxfield Road	13.4	B	11.3	B	N/A			No
4	Proctor Valley Road & Melody Road	9.0	A	9.7	A	N/A			No
5	SR-94 & Melody Road	14.6	B	18.9	B	N/A			No
6	San Miguel Ranch Road & SR-125 SB Ramps	22.1	C	20.0	B		10.7% / 8.4%		No
7	San Miguel Ranch Road & SR-125 NB Ramp	16.8	B	14.6	B		8.3% / 8.1%		No
8	I-805 SB Ramp & East H Street	14.5	B	13.9	B		1.0% / 0.8%		No

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Table 4
Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions With Full GDP/SRP Buildout

#	Intersection	Year 2030 Cumulative Conditions With Full GDP/SRP Buildout				Impact Criteria by Jurisdiction			
		AM Peak Hour		PM Peak Hour		Caltrans/ San Diego Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	Candidate for CO Hotspots Analysis?
		Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	
9	I-805 NB Ramp & East H Street	10.9	B	16.9	B		1.2% / 1.2%		No
10	Terra Nova Drive & East H Street	20.0	C	25.1	C		1.2% / 1.3%		No
11	Del Rey Boulevard & East H Street	14.4	B	11.7	B		1.3% / 1.3%		No
12	Paseo Del Rey & East H Street	24.3	C	54.0	D		3.5% / 3.3%		No
13	Paseo Ranchero & East H Street	61.6	E	57.6	E		3.7% / 4.2%		Yes
14	Otay Lakes Road & East H Street	52.4	D	54.8	D		5.0% / 4.8%		No
15	SR-125 SB Ramp & East H Street	7.0	A	8.7	A		14.0% / 15.2%		No
16	SR-125 NB Ramp & Proctor Valley Road	3.9	A	7.4	A		15.3% / 18.1%		No
17	Mt Miguel Road & Proctor Valley Road	81.6	F	66.2	E		13.7% / 17.3%		Yes
18	Lane Avenue & Proctor Valley Road	114.6	F	71.8	E		21.4% / 21.6%		Yes
19	Hunte Parkway & Proctor Valley Road	54.0	D	53.3	D		26.9% / 28.6%		No
20	Agua Vista Drive / Northwoods Drive & Proctor Valley Road	63.9	F	66.1	F		49.2% / 50.8%		Yes
21	East Lake Parkway & Fenton Street	26.9	C	54.6	D		3.3% / 2.5%		No
22	Lane Avenue & Fenton Street	38.1	D	52.8	D		2.5% / 2.0%		No
23	Heritage Road/Paseo Ranchero & Telegraph Canyon Road	54.8	D	53.7	D		1.0% / 1.3%		No
24	La Media Road & Telegraph Canyon Road / Otay Lakes Road	49.5	D	55.0	D		0.5% / 0.6%		No

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Appendix C – CO Hotspots Screening Analysis

Table 4
Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions With Full GDP/SRP Buildout

#	Intersection	Year 2030 Cumulative Conditions With Full GDP/SRP Buildout				Impact Criteria by Jurisdiction			
		AM Peak Hour		PM Peak Hour		Caltrans/ San Diego Change in Delay (seconds)	Chula Vista (Project % of Entering Volume)	County	Candidate for CO Hotspots Analysis?
		Avg. Delay (sec.)	LOS	Avg. Delay (sec.)	LOS	AM/PM	AM/PM	AM/PM	
25	SR-125 SB Ramps & Otay Lakes Road	12.6	B	13.2	B		1.1% / 0.9%		No
26	SR-125 NB Ramps & Otay Lakes Road	10.0	A	21.5	C		1.4% / 1.6%		No
27	East Lake Parkway & Otay Lakes Road	48.8	D	53.1	D		1.3% / 1.4%		No
28	Lane Avenue & Otay Lakes Road	23.4	C	43.9	D		1.3% / 1.8%		No
29	Fenton Street & Otay Lakes Road	26.9	C	31.4	C		2.2% / 2.3%		No
30	Hunte Parkway & Otay Lakes Road	48.6	D	44.4	D		3.4% / 4.2%		No
31	East Lake Parkway & Olympic Parkway	28.6	C	34.1	C		0.5% / 0.4%		No
32	Hunte Parkway & Olympic Parkway	38.7	D	50.6	D		1.8% / 1.5%		No
33	East Lake Parkway & Hunte Parkway	52.8	D	45.8	D		1.1% / 1.2%		No
34	Proctor Valley Road & Project Driveway #1	187.0	F	>500	F				Yes
35	Proctor Valley Road & Project Driveway #2	18.5	C	48.0	E				Yes
36	Proctor Valley Road & Project Driveway #3	93.2	F	177.2	F				Yes
37	Proctor Valley Road & Project Driveway #4	66.9	F	143.8	F				Yes
38	Proctor Valley Road & Project Driveway #5	41.1	E	34.0	D				Yes
39	Proctor Valley Road & Project Driveway #6	20.8	C	12.5	B				No
40	Proctor Valley Road & Project Driveway #7	21.6	C	13.3	B				No
41	Proctor Valley Road & Project Driveway #8	13.9	B	8.4	A				No

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Appendix C – CO Hotspots Screening Analysis

Source: Proctor Valley Village 14 and Preserve Specific Plan Traffic Impact Study, Table 8.3 Peak Hour Intersection LOS Results – Year 2030 Cumulative Conditions With Full GDP/SRP Buildout (Chen Ryan 2017)

Notes:

SSSC: Side street stop control

AWSC: All-way stop controlled intersection.

RA: Roundabout.

Year 2030 Cumulative Conditions With Full GDP/SRP Buildout

It is anticipated that under the Year 2030 Cumulative Conditions With Full GDP/SRP Buildout scenario, the following intersections would operate at an unacceptable LOS: the SR-94 / Lyons Valley Road (LOS F - AM Peak hour / LOS F - PM Peak hour); the Paseo Ranchero & East H Street (LOS E in the AM and PM); Mt Miguel Road & Proctor Valley Road (LOS F in the AM and LOS E in the PM); Lane Avenue & Proctor Valley Road (LOS F in the AM and LOS E in the PM); Agua Vista Drive / Northwoods Drive & Proctor Valley Road (LOS F in the AM and PM); Proctor Valley Road & Project Driveway #1 (LOS F in the AM and PM); Proctor Valley Road & Project Driveway #2 (LOS E in the PM); Proctor Valley Road & Project Driveway #3 (LOS F in the AM and PM); Proctor Valley Road & Project Driveway #4 (LOS F in the AM and PM); and Proctor Valley Road & Project Driveway #5 (LOS E in the AM). The following are the peak hourly trips for the intersections with unacceptable LOS: SR-94 / Lyons Valley Road (2,510 in the AM and 2,906 in the PM); Paseo Ranchero & East H Street (5,724 in the AM and 5,936 in the PM); Mt Miguel Road & Proctor Valley Road (5,260 in the AM and 4,985 in the PM); Lane Avenue & Proctor Valley Road (4,488 in the AM and 5,036 in the PM); Agua Vista Drive / Northwoods Drive & Proctor Valley Road (3,023 in the AM and 3,569 in the PM); Proctor Valley Road & Project Driveway #1 (2,677 in the AM and 3,228 in the PM); Proctor Valley Road & Project Driveway #2 (2,440 in the AM and 2,954 in the PM); Proctor Valley Road & Project Driveway #3 (2,198 in the AM and 2,745 in the PM); Proctor Valley Road & Project Driveway #4 (2,049 in the AM and 2,551 in the PM); and Proctor Valley Road & Project Driveway #5 (1,894 in the AM and 1,954 in the PM). The only intersection that does not exceed the cumulative screening threshold is the Proctor Valley Road & Project Driveway #5.

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: Paseo Ranchero & E H St 2030
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 10. CM ALT= 140.8 (M)
BRG= WORST CASE VD= 0.0 CM/S
CLAS= 7 (G) VS= 0.0 CM/S
MIXH= 1000. M AMB= 2.0 PPM
SIGTH= 10. DEGREES TEMP= 5.1 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*		EF	H	W	
DESCRIPTION	*	X1	Y1	X2	Y2	*	TYPE	VPH	(G/MI)	(FT)	(FT)
A. East H Stree	*	500	36	30	36	*	AG	360	2.7	0.0	33.0
B. East H Stree	*	500	18	-30	18	*	AG	1875	2.7	0.0	33.0
C. East H Stree	*	500	-12	-18	-12	*	AG	485	2.7	0.0	33.0
D. East H Stree	*	-30	18	-500	18	*	AG	2304	2.7	0.0	33.0
E. East H Stree	*	-500	-12	30	-12	*	AG	266	2.7	0.0	33.0
F. East H Stree	*	-500	-54	-18	-54	*	AG	1356	2.7	0.0	33.0
G. East H Stree	*	0	-36	500	-36	*	AG	120	2.7	0.0	33.0
H. East H Stree	*	12	-500	12	18	*	AG	1926	2.7	0.0	33.0
I. Paseo Ranche	*	30	-500	30	-12	*	AG	360	2.7	0.0	33.0
J. Paseo Ranche	*	42	-500	42	-36	*	AG	265	2.7	0.0	33.0
K. Paseo Ranche	*	30	-12	30	500	*	AG	329	2.7	0.0	33.0
L. Paseo Ranche	*	0	500	0	-36	*	AG	745	2.7	0.0	33.0
M. Paseo Ranche	*	-18	500	-18	-12	*	AG	100	2.7	0.0	33.0
N. Paseo Ranche	*	-30	500	-30	18	*	AG	210	2.7	0.0	33.0
O. Paseo Ranche	*	-18	-12	-18	-500	*	AG	210	2.7	0.0	33.0
P. Paseo Ranche	*	-500	-36	0	-36	*	AG	961	2.7	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-60	50	5.9
2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

JOB: Paseo Ranchero & E H St 2030
 RUN: STANDARD RUN (WORST CASE ANGLE)
 POLLUTANT: CO

		CONC/LINK (PPM)							
RECEPTOR		I	J	K	L	M	N	O	P
1. SR1	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. SR3	*	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
4. SR4	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
 JUNE 1989 VERSION
 PAGE 1

JOB: Proctor Valley Rd & Project Dwy2 2030
 RUN: STANDARD RUN (WORST CASE ANGLE)
 POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 10. CM ALT= 180.4 (M)
 BRG= WORST CASE VD= 0.0 CM/S
 CLAS= 7 (G) VS= 0.0 CM/S
 MIXH= 1000. M AMB= 2.0 PPM
 SIGTH= 10. DEGREES TEMP= 5.1 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*			EF	H	W
DESCRIPTION	*	X1	Y1	X2	Y2	*	TYPE	VPH	(G/MI)	(FT)	(FT)
A. Project Dwy#	*	500	36	30	36	*	AG	58	2.7	0.0	33.0
B. Project Dwy#	*	-30	18	-500	18	*	AG	4	2.7	0.0	33.0
C. Proctor Vall	*	30	-500	30	-12	*	AG	1765	2.7	0.0	33.0
D. Proctor Vall	*	42	-500	42	-36	*	AG	58	2.7	0.0	33.0
E. Proctor Vall	*	30	-12	30	500	*	AG	1769	2.7	0.0	33.0
F. Proctor Vall	*	-18	500	-18	-12	*	AG	1127	2.7	0.0	33.0
G. Proctor Vall	*	-18	-12	-18	-500	*	AG	1127	2.7	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-60	50	5.9
2. SR2	*	60	70	5.9
3. SR3	*	-50	-20	5.9
4. SR4	*	70	-20	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Proctor Valley Rd & Project Dwy2 2030
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	* PRED	*	CONC/LINK						
	* BRG	* CONC	*	(PPM)						
	* (DEG)	* (PPM)	*	A	B	C	D	E	F	G
1. SR1	* 161.	* 2.3	*	0.0	0.0	0.1	0.0	0.0	0.0	0.1
2. SR2	* 195.	* 2.4	*	0.0	0.0	0.2	0.0	0.1	0.0	0.1
3. SR3	* 162.	* 2.3	*	0.0	0.0	0.1	0.0	0.0	0.0	0.2
4. SR4	* 198.	* 2.3	*	0.0	0.0	0.2	0.0	0.0	0.0	0.1

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 1

JOB: SR94&Lyons Valley Rd 2030
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

I. SITE VARIABLES

U= 1.0 M/S Z0= 10. CM ALT= 272.8 (M)
BRG= WORST CASE VD= 0.0 CM/S
CLAS= 7 (G) VS= 0.0 CM/S
MIXH= 1000. M AMB= 2.0 PPM
SIGTH= 10. DEGREES TEMP= 5.1 DEGREE (C)

II. LINK VARIABLES

LINK	*	LINK COORDINATES (FT)				*		EF	H	W	
DESCRIPTION	*	X1	Y1	X2	Y2	*	TYPE	VPH	(G/MI)	(FT)	(FT)
A. Lyons Valley	*	500	36	30	36	*	AG	10	2.7	0.0	33.0
B. Lyons Valley	*	500	18	-30	18	*	AG	5	2.7	0.0	33.0
C. Lyons Valley	*	500	-12	-18	-12	*	AG	20	2.7	0.0	33.0
D. Lyons Valley	*	-30	18	-500	18	*	AG	459	2.7	0.0	33.0
E. Lyons Valley	*	-500	-12	30	-12	*	AG	74	2.7	0.0	33.0
F. Lyons Valley	*	-500	-54	-18	-54	*	AG	10	2.7	0.0	33.0
G. Lyons Valley	*	0	-36	500	-36	*	AG	205	2.7	0.0	33.0
H. Lyons Valley	*	12	-500	12	18	*	AG	55	2.7	0.0	33.0
I. SR94 NBLA	*	30	-500	30	-12	*	AG	25	2.7	0.0	33.0
J. SR94 NBTA	*	42	-500	42	-36	*	AG	864	2.7	0.0	33.0
K. SR94 NBRA	*	30	-12	30	500	*	AG	64	2.7	0.0	33.0
L. SR94 NBD	*	0	500	0	-36	*	AG	1079	2.7	0.0	33.0
M. SR94 SBLA	*	-18	500	-18	-12	*	AG	390	2.7	0.0	33.0
N. SR94 SBTB	*	-30	500	-30	18	*	AG	1219	2.7	0.0	33.0
O. SR94 SBRA	*	-18	-12	-18	-500	*	AG	20	2.7	0.0	33.0
P. SR94 SBD	*	-500	-36	0	-36	*	AG	1313	2.7	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT)		
	*	X	Y	Z
1. SR1	*	-60	50	5.9
2. SR2	*	60	70	5.9
3. SR3	*	-50	-80	5.9
4. SR4	*	70	-70	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: SR94&Lyons Valley Rd 2030
RUN: STANDARD RUN (WORST CASE ANGLE)
POLLUTANT: CO

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	*	* PRED	*	CONC/LINK									
	* BRG	* CONC	*	(PPM)									
	* (DEG)	* (PPM)	*	A	B	C	D	E	F	G	H		
1. SR1	* 16.	* 2.4	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2. SR2	* 252.	* 2.3	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. SR3	* 9.	* 2.4	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4. SR4	* 284.	* 2.3	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RECEPTOR	*	CONC/LINK							
	*	(PPM)							
	*	I	J	K	L	M	N	O	P
1. SR1	*	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0
2. SR2	*	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1
3. SR3	*	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1
4. SR4	*	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2

APPENDIX D

AERMOD Output Files and Cancer Risk Estimates

**Health Risk Assessment Report
for the
Otay Ranch Village 14 and Planning Areas 16 and 19
San Diego County, California**

Prepared For:

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A handwritten signature in black ink that reads "Jennifer L. Reed". The signature is written in a cursive style and is positioned above a horizontal line.

FEBRUARY 2018

Health Risk Assessment Report for the Otay Ranch Village 14 and Planning Areas 16 and 19

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ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
ADMRT	Air Dispersion Modeling and Risk Tool
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age sensitivity factor
BACT	Best Available Control Technology
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
County	County of San Diego
DBR	daily breathing rate
DPM	diesel particulate matter
EPA	U.S. Environmental Protection Agency
FAH	fraction of time at home
GDP/SRP	General Development Plan/Subregional Plan
HARP 2	Hotspots Analysis and Reporting Program
NO_x	Oxides of Nitrogen
OEHHA	Office of Environmental Health Hazard Assessment
$\text{PM}_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
REL	reference exposure level
SDAPCD	San Diego Air Pollution Control District
SF	square feet
TAC	toxic air contaminant
T-BACT	Toxics–Best Available Control Technology
UTM	Universal Transverse Mercator

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EXECUTIVE SUMMARY

The Otay Ranch Village 14 and Planning Areas 16/19 (Proposed Project) is part of the overall Otay Ranch, an approximately 22,845-acre master-planned community in southern San Diego County (County) designed as a series of villages and planning areas. The Proposed Project is located within Otay Ranch Village 14 and Planning Areas 16/19 in the Proctor Valley area of Otay Ranch.

Otay Ranch Village 14 is planned around a centrally located “Village Core.” The Village Core is composed of a 7.2-acre Village Green Park (public park), a 1.7-acre Mixed-Use Site with up to 10,000 square feet of commercial/retail uses, a 2.3-acre public safety site for a fire station and satellite sheriff’s facility, and 9.7-acre elementary school site.¹ Additional public and private parks, swim clubs, trails, and recreational facilities would be situated throughout the three distinct areas of Village 14, referred to herein as South Village 14, Central Village 14, and North Village 14.

Approximately 994 homes will be located in South Village 14, Central Village 14, and North Village 14. Of this total, 878 will be single-family homes located in gated enclaves and 116 will be detached courtyard homes. Twelve neighborhoods are planned with approximate densities ranging from 0.2 to 10.0 dwelling units per acre. In addition to the homes in Village 14, there are 13 one-acre estate lots proposed in Planning Area 19 and 112 ranchettes averaging 3 acres in size located in Planning Area 16.

The dispersion modeling conducted for this assessment was performed using the U.S. Environmental Protection Agency (EPA)-approved dispersion model, American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) in conjunction with the Hotspots Analysis and Reporting Program Version 2 (HARP 2). HARP 2 has been developed by the California Air Resources Board (CARB) as a tool to implement the risk assessments and incorporates all the requirements provided by the Office of Environmental Health Hazard Assessment (OEHHA) as outlined in the *Air Toxics Hot Spot Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015). This health risk assessment (HRA) follows the 2015 OEHHA Guidelines and the San Diego Air Pollution Control District (SDAPCD) *Supplemental Guidelines for Submission of Air Toxics ‘Hot Spots’ Program Health Risk Assessments* (SDAPCD 2015).

¹ The school may instead be developed as 97 residential units, which was utilized in this analysis due to the higher trip rates associated with housing to reflect a conservative estimate of criteria air pollutant emissions and potential impacts.

Health Risk Assessment Report for the Otay Ranch Village 14 and Planning Areas 16 and 19

Impacts related to cancer risk and chronic hazard from diesel particulate matter (DPM), which is a toxic air contaminant (TAC), would be below the SDAPCD's thresholds during construction activities; therefore, impacts would be **less than significant**.

No long-term sources of TAC emissions are anticipated during operation of the Proposed Project because the Proposed Project would only include residential units, commercial land uses, a school, parks, and Preserve land; the Proposed Project would not include heavy industrial uses or other land uses typically associated with stationary sources and TACs. Additionally, the Proposed Project would not be located next to a major source of TAC or high-volume roadway. As such, the Proposed Project would not result in substantial TAC emissions that may affect nearby receptors, nor would the Proposed Project be exposed to nearby sources of TACs. This impact would be **less than significant**.

Health Risk Assessment Report for the Otay Ranch Village 14 and Planning Areas 16 and 19

1 INTRODUCTION

1.1 Report Purpose and Scope

In support of the air quality and greenhouse gas (GHG) emissions analysis technical report preparation, Dudek prepared a health risk assessment (HRA) to estimate health risk impacts from construction of the Otay Ranch Village 14 and Planning Areas 16/19 (Proposed Project). The analysis presented uses air dispersion modeling methodology to evaluate potential public health risks associated with construction of the Proposed Project. Results of the modeling analysis are compared with the most recent significance thresholds established by the San Diego Air Pollution Control District (SDAPCD) for purposes of California Environmental Quality Act (CEQA) analysis.

1.2 Project Description

The Proposed Project is part of the overall Otay Ranch project, an approximately 22,845-acre master-planned community in southern San Diego County designed as a series of villages and planning areas. The Proposed Project addressed in this air quality emissions technical report is located within Otay Ranch Village 14 and Planning Areas 16/19 in the Proctor Valley area of Otay Ranch. The underlying purpose of the Proposed Project is to implement the adopted Otay Ranch General Development Plan/Otay Subregional Plan (GDP/SRP) and complete the planned development within Jackson Pendo Development Company's (applicant) ownership of Village 14 and Planning Areas 16/19. The Otay Ranch GDP/SRP is also a component part of the County General Plan and allows for a total of 2,133 homes in Otay Ranch Village 14 and Planning Areas 16/19. The Proposed Project is designed to be consistent with the Otay Ranch GDP/SRP's directive to provide a transitional community between the suburban densities and character of eastern Chula Vista and the more rural community of Jamul. The Proposed Project proposes 1,119 homes, of which 994 would be in Village 14 and 125 homes would be in Planning Areas 16/19.

1.3 Toxic Air Contaminants

A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute (short-term) and/or chronic (long-term) noncancer health effects. A toxic substance released into the air is considered a toxic air contaminant (TAC). Examples include certain aromatic and chlorinated hydrocarbons, diesel particulate matter (DPM), certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ system and may be experienced either on acute or chronic exposure to a given TAC.

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In 1998, CARB designated diesel engine exhaust particulate matter (DPM) as a TAC. The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long term chronic health hazard impacts. No short-term, acute relative exposure level has been established for DPM; therefore, acute impacts of DPM are not addressed in this assessment.

1.3.1 Cancer Risk

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in one million. The cancer risk from exposure to a TAC is estimated by calculating the inhalation (and if applicable, ingestion or dermal) dose in units of milligrams/kilogram body weight per day. The dose is based on an ambient concentration in units of micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), age sensitivity factors (ASFs), daily breathing rates (DBRs), exposure period, and fraction of time spent at home (FAH). The cancer risk is calculated by multiplying the dose by the cancer potency factor, expressed as (milligrams/kilogram body weight per day)⁻¹. Cancer risks are typically calculated for all carcinogenic TACs and summed to calculate the overall increase in cancer risk to an individual. The calculation procedure assumes that cancer risk is proportional to concentrations at any level of exposure and that risks due to different carcinogens are additive. This approach is generally considered a conservative assumption at low doses and is consistent with the OEHHA regulatory approach.

The cancer risk calculations were performed by multiplying the predicted dispersion modeled output data by the TAC emissions and the appropriate risk values. The exposure and risk equations that were used to calculate the cancer risk at receptors are integrated in the Hotspots Analysis and Reporting Program, Version 2 (HARP 2) model, in accordance with the *Air Toxics Hot Spot Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015).

The following equations were used to calculate the cancer risk using the model output data and estimated TAC emissions associated with diesel exhaust.

$$\text{Cancer Risk} = \text{DOSE} * \text{CPF} * \text{ASF} * \text{ED/AT} * \text{FAH}$$

$$\text{DOSE} = (\text{C}_{\text{air}} * \text{DBR} * \text{A} * \text{EF} * 10^{-6})$$

$$\text{C}_{\text{air}} = \text{ER} * \text{X/Q}$$

Where:

- DOSE: Daily inhalation dose (mg/kg-day)

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- CPF: Cancer potency factor (mg/kg-day) -1
- ASF: Age sensitivity factor for a specified age group (unitless)
- ED: Exposure duration (in years) for a specified age group
- AT: Averaging time for lifetime cancer risk (years)
- FAH: Fraction of time spent at home (unitless)
- C_{air} : Average air concentration of TAC from the air dispersion model ($\mu\text{g}/\text{m}^3$)
- DBR: Daily breathing rate (L/kg body weight-day)
- EF: Exposure frequency (unitless), days/365 days
- A: Inhalation absorption factor (unitless)
- 10^{-6} : Micrograms to milligrams conversion, liters to cubic meters conversion
- ER: Emission rates (g/s)
- X/Q: Model output data ($\mu\text{g}/\text{m}^3$)/(g/s)

1.3.2 Noncancer Health Impacts

The noncancer health impact of an inhaled TAC is measured by the hazard quotient, which is the ratio of the ambient concentration of a TAC in units of $\mu\text{g}/\text{m}^3$ divided by the reference exposure level (REL), also in units of $\mu\text{g}/\text{m}^3$. The REL is the concentration at or below which no adverse health effects are anticipated. The REL is typically based on health effects to a particular target organ system, such as the respiratory system, liver, or central nervous system. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index. For DPM, the target organ system is the respiratory system.

In addition to the potential cancer risk, DPM has chronic (i.e., long-term) noncancer health impacts. The chronic noncancer hazard index for DPM was calculated by dividing the maximum modeled annual average concentration of TACs by its REL as implemented by HARP 2.

The chronic hazard quotients were calculated for DPM using the following equations (OEHHA 2015).

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$$CHQ = (C_{air} / REL)$$

Where:

- CHQ: Chronic hazard quotient
- C_{air} : Annual average concentration ($\mu\text{g}/\text{m}^3$)
- REL: Chronic reference exposure level ($\mu\text{g}/\text{m}^3$)

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2 GUIDANCE AND THRESHOLDS

2.1 San Diego Air Pollution Control District Guidance

The SDAPCD has established public health risk notification thresholds (SDAPCD Rule 1210), including an incremental cancer risk threshold of 10 in 1 million people and a total acute non-cancer health hazard index of 1.0. Additionally, in June 2015, and in response to the 2015 OEHHA Guidelines published earlier that year, SDAPCD published their *Supplemental Guidelines for Submission of Air Toxics 'Hot Spots' Program Health Risk Assessments*. In the *Supplemental Guidelines*, SDAPCD clarified the thresholds that apply to projects conducting HRAs, stating that “cancer and non-cancer chronic and acute risk isopleths (contours) are required if offsite cancer risks exceed 10 in a million or the non-cancer HHI’s [health hazard indices] exceed 1.”

2.2 OEHHA Guidance

OEHHA’s most recent guidance is the *Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015), which was adopted in 2015 replacing the previous 2003 guidance manual. The Children’s Environmental Health Protection Act of 1999 (Senate Bill 25), which requires explicit consideration of infants and children in assessing risks from air toxics, required revisions of the methods for both noncancer and cancer risk assessment and of the exposure assumptions in the 2003 OEHHA HRA guidance manual. In response to SB 25, OEHHA released three technical support documents (TSDs) addressing RELs (OEHHA 2008), cancer potency (OEHHA 2009), and exposure assessment and stochastic analysis (OEHHA 2012) and adopted the revised HRA guidance manual (OEHHA 2015). The TSD for RELs and continuing work to re-evaluate TACs to ensure adequate protection for infants and children has led to revisions of RELs for approximately 10 chemicals and chemical families. The basic methodology for evaluating acute and chronic health effects using the RELs otherwise remained the same as in the previous guidance manual. Moreover, RELs are designed to protect the most sensitive individuals in the population, including infants and children, by selecting appropriate toxicological data and including margins of safety. Accordingly, the evaluation methods are assumed to protect children and other sensitive subpopulations (groups of more highly susceptible individuals) from adverse health effects in the event of exposure (OEHHA 2008).

The cancer risk methodology described in exposure assessment and stochastic analysis TSD and the OEHHA guidance manual accounts for the higher sensitivity of infants and children by applying age-specific DBRs and ASFs. According to the TSD, “accounting for effects of early-in-life exposure requires accounting for both the increased potency of early in life exposure to carcinogens and the greater exposure on a per [kilogram] body weight that occurs early in life due to behavioral

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and physiological differences between infants and children, and adults” (OEHHA 2012). In part, early-life periods are accounted for through the use of age-sensitivity factors. Compared to the previous guidance, which relied on a single breathing rate for all ages, the revised guidance also includes age-specific DBRs that reflect the differences between those for infants, children, and adults.

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3 ESTIMATED EMISSIONS

Construction of the Proposed Project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, and soil disturbance) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Emissions from the construction phase of the Proposed Project were estimated using the California Emissions Estimator Model (CalEEMod), version 2016.3.1. In addition, the DPM emissions from the generator used to operate the rock crushing equipment was quantified separately, since CalEEMod does not account for rock crushing. Details of the emission calculations are provided in Appendix A.

Mitigation Measures

Mitigation Measures M-AQ-1 through M-AQ-8 have been identified to reduce construction criteria air pollutant emissions and associated construction-related air quality impacts generated by the Proposed Project. M-AQ-1 and M-AQ-2 shall be implemented during blasting and rock crushing activities. Prior to approval of any grading permits, the applicant or its designee shall include M-AQ-3 on all grading plans, which shall be implemented during grading of each phase of the Proposed Project to minimize particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM₁₀) and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns (PM_{2.5}). M-AQ-4 was primarily identified to reduce oxides of nitrogen (NO_x) and PM emissions. M-AQ-5 through M-AQ-8 were identified to reduce exhaust particulate matter emissions.

M-AQ-1 Tier 4 Final Rock Crushing Equipment. Prior to the commencement of any rock crushing activities, the applicant shall provide evidence to the County of San Diego that all diesel-powered generators with engines greater than 750 horsepower used for rock crushing operations are equipped with Tier 4 Final engines.

M-AQ-2 Blasting and Rock Crushing Notification. Prior to the commencement of any construction activities, the applicant shall provide evidence to the County of San Diego that the applicant or its designee has employed a construction relations officer who will address community concerns regarding on-site construction activity. The applicant shall provide public notification in the form of a visible sign containing the contact information of the construction relations officer, who will document complaints and concerns regarding on-site construction activity. The sign shall be placed in easily-accessible locations along Proctor Valley Road and noted on grading and improvement plans.

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M-AQ-3 **Blasting and Rock Crushing Emission Controls.** The following provisions shall be implemented to reduce emissions associated with blasting and rock crushing activities:

- a. During blasting activities, the construction contractor shall implement all feasible engineering controls to control fugitive dust including exhaust ventilation, blasting cabinets and enclosures, vacuum blasters, drapes, water curtains or wet blasting.

Watering methods, such as water sprays and water applications, also shall be implemented during blasting, rock crushing, cutting, chipping, sawing, or any activity that would release dust particles to reduce fugitive dust emissions.

- b. During rock crushing transfer and conveyance activities, material shall be watered prior to entering the crusher.

Additionally, crushing activities shall not exceed an opacity limit of 20% (or Number 1 on the Ringelmann Chart) as averaged over a 3 minute period in any period of 60 consecutive minutes, in accordance with SDAPCD Rule 50, Visible Emissions. A qualified opacity observer shall monitor opacity from crushing activities once every 30 days while crushers are employed on site to ensure compliance with SDAPCD Rule 50.

Water sprayers, conveyor belt enclosures or other mechanisms also shall be employed to reduce fugitive dust generated during transfer and conveyance of crush material.

M-AQ-4 **Tier 4 Interim Construction Equipment.** Prior to the commencement of any construction activities, the applicant shall provide evidence to the County of San Diego that for off-road equipment with engines rated at 75 horsepower or greater, no construction equipment shall be used that is less than Tier 4 Interim. An exemption from these requirements may be granted by the County in the event that the applicant documents that (1) equipment with the required tier is not reasonably available (e.g., reasonability factors to be considered include those available within the County within the scheduled construction period), and (2) corresponding reductions in criteria air pollutant emissions are achieved from other construction equipment. For example, if a Tier 4 Interim piece of equipment is not reasonably available at the time of construction and a lower tier equipment is used instead (e.g., Tier 3), another piece of utilized equipment could be upgraded from a Tier 4 Interim to a higher tier (i.e., Tier 4 Final) or replaced with an alternative-fueled (not diesel-

Health Risk Assessment Report for the Otay Ranch Village 14 and Planning Areas 16 and 19

fueled) equipment to offset the emission reductions associated with using a piece of equipment that does not meet Tier 4 Interim standards.

- M-AQ-5 Construction Equipment Maintenance.** The primary contractor shall be responsible for ensuring that all construction equipment is properly tuned and maintained in accordance with manufacturer's specifications before and for the duration of on-site operation.
- M-AQ-6 Use of Electrical-Powered Equipment.** Electrical hookups shall be provided on site for hand tools, such as saws, drills, and compressors, used for building construction to reduce the need for electric generators and other fuel-powered equipment. The use of electrical construction equipment shall be employed, where feasible.
- M-AQ-7 Best Available Control Technology.** Construction equipment shall be outfitted with best available control technology (BACT) devices certified by CARB. A copy of each unit's BACT documentation shall be provided to the County at the time of mobilization of each applicable unit of equipment.
- M-AQ-8 Haul Trucks** Haul truck staging areas shall be provided for loading and unloading of soil and materials and shall be located away from sensitive receptors at the furthest feasible distance.

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4 MODELING METHODOLOGY

4.1 Dispersion Model

Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or off-site workplace receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

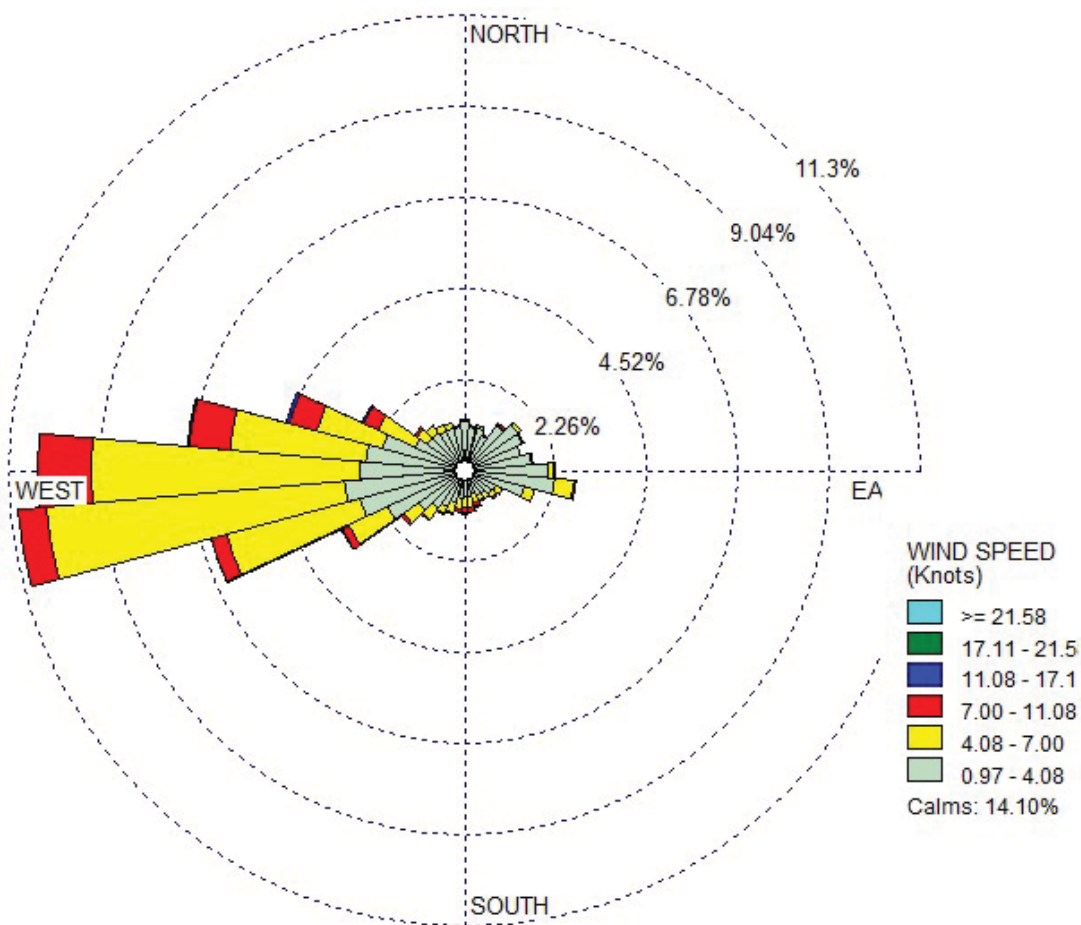
Dispersion modeling was performed for the HRA using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD). AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of both surface and elevated sources, building downwash, and both simple and complex terrain. Principal parameters of AERMOD for the Project construction include the following:

Dispersion Model. The air dispersion model used was AERMOD, Version 16216r, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 9.3.0. AERMOD was run with all sources emitting unit emissions (1 g/s) to obtain the “X/Q” values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The X/Q values of ground-level concentrations (GLCs) were determined for construction emissions using AERMOD and the maximum concentrations determined for the 1-hour and Period averaging periods.

Meteorological Data. The latest 3-year meteorological data (2010–2012) for the Chula Vista station from SDAPCD were used. A windrose is provided for this station in Figure 1.

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Figure 1
Windrose for Chula Vista Meteorological Station



Source: Lakes Environmental 2017.

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Model Options. The modeling included the use of standard regulatory default options, including the use of rural dispersion parameters and elevated terrain per SDAPCD guidance.

Terrain Characteristics. Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate.

Modeling Grid. To analyze impacts to potential on-site receptors, a receptor grid was placed over a 15-kilometer coarse grid area using 250-meter resolution to evaluate locations of maximum health risk impact.

Discrete Receptors. Discrete receptors were analyzed at the northern and southern extremes of Proposed Project activity where actual receptors are located. The northern Proposed Project activity was more impacted and, therefore, was analyzed for locations of maximum exposure.

Source Equipment Operating Scenarios. Air dispersion modeling of construction activities was conducted using emissions generated using CalEEMod and the separate calculation for rock crushing diesel-generator emissions.

Source Release Characteristics. For modeling construction emissions impacts using AERMOD, it was assumed that Planning Areas 16/19 would be disturbed with equipment during its 5-year period of activity. An initial vertical dimension of 1.2 meters and release height of 5 meters was used for diesel equipment and truck exhaust.

4.2 Health Risk Assessment Methodology

This HRA follows the 2015 OEHHA Guidelines and the SDAPCD *Supplemental Guidelines for Submission of Air Toxics 'Hot Spots' Program Health Risk Assessments* (SDAPCD 2015). For risk assessment purposes, PM₁₀ in diesel exhaust is considered DPM, originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less-intensive, more-dispersed emissions result from on-road vehicle exhaust (e.g., heavy-duty diesel trucks). These emissions could result in elevated concentrations of DPM at nearby receptors, which could lead to an increase in the risk of cancer or other health impacts. Consequently, an HRA was performed to determine the extent of increased cancer risks and hazard indices at the maximally exposed receptor. The dispersion of DPM was modeled using the AERMOD dispersion model, along with meteorological data provided by the SDAPCD for the Project site, and the resultant health impacts were calculated using the CARB HARP 2.

The nearest existing off-site residential receptors consist of single-family residences immediately approximately 40 meters (130 feet) to the north of the northwestern land parcel of Planning Areas 16/19. Since the Proposed Project also includes residential development that could be occupied in the initial phase while the remaining phases of construction are on-going, it was assumed that the nearest on-site residence was located immediately inbound from the Maximally Exposed

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Individual Resident, toward the Proposed Project fence line at a distance of 24 meters (79 feet) from Proposed Project construction. The closest off-site worker receptors are at the Hollywood Casino in the Jamul Indian Village off State Route 94, near Peaceful Valley Ranch Road. The closest off-site school receptor is The Academy of Exploration in Jamul.

To develop a conservative assumption regarding DPM exposure, it was assumed that Planning Areas 16/19 would be disturbed with equipment during its 5-year period of activity, after which construction would occur at a different area of the site greater than 1,000 feet away from the nearest existing off-site and future on-site residence. A 1,000-foot radial distance is considered the distance in which pollutant concentrations are greatest, and serves as a general “notification” distance from receptors. For example, research conducted by CARB indicated an 80% drop-off in pollutant concentrations at approximately 1,000 feet from major sources (CARB 2005). Therefore, a 1,000-foot distance is often used in analyzing impacts to receptors from distribution centers, freeways, rail yards, stationary sources, and other pollutant sources.²

For the purposes of this assessment, given the less-than-lifetime exposure period, and the higher breathing rates and sensitivity of children to TACs, the cancer risk calculation assumes that the exposure would affect children early in their lives. For the derived cancer risk calculation under the worst-case scenario, the 5-year exposure duration was assumed to start during the 3rd trimester of pregnancy. Additionally, “fraction of time at home” default factors were applied to conservatively account for typical time spent in the home and at work during the exposure period. For sensitive receptors, default residential exposures were conservatively assumed.

² If the school is developed instead of the assumed 97 residential units within Central Village 14, it is anticipated that construction of the school would be completed in 2026 and operation of the school would not occur until all construction in Central Village 14 is complete. Proposed Project construction that would occur while the school would be in operation is limited to construction activities within Planning Areas 16/19. The distance between the closest portion of Planning Areas 16/19 to the school site is approximately 7,300 feet, which is outside of the 1,000 foot radial distance for sensitive receptors assumed in the HRA. Accordingly, the school is not included as a sensitive receptor land use in the HRA.

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5 HEALTH RISK ASSESSMENT RESULTS

An HRA was performed to estimate the Maximum Individual Cancer Risk and the Chronic Hazard Index for proximate receptors. An unmitigated emissions scenario, which would not include M-AQ-1 through M-AQ-8 is presented for disclosure purposes. The mitigated emissions scenario assumes implementation of construction criteria air pollutant emissions mitigation; specifically, M-AQ-1 and M-AQ-4, which are quantified in the estimated mitigated emissions.³

On-site residential receptors, off-site residential receptors, off-site worker receptors, and receptors at the nearest school site were evaluated. For both the unmitigated and mitigated emissions scenarios, the maximum exposed individual resident was the resident living in the Project Area at Universal Transverse Mercator (UTM) coordinates (509305, 3618372). The maximum exposed worker was at the Hollywood Casino's upstream location to Proposed Project emissions at UTM coordinates (512040, 3618362). The Academy of Exploration, which is the closest school to the Project Area, was located at UTM coordinates (510800, 3619100).

Cancer Risk

The following tabulates cancer risk for on-site and off-site residences, workers, and the Academy of Exploration assuming unmitigated Proposed-Project-generated emissions.

As shown in Table 1, unmitigated construction emissions would result in maximum individual cancer risks for both on-site and off-site residences and worker locations that are below the significance threshold of 10 in 1 million. Finally, unmitigated construction emissions would result in cancer risk at the Academy of Exploration below significance thresholds of 10 in 1 million. Therefore, the unmitigated construction impacts would be **less than significant**.

Table 1
Construction Cancer Risk Assessment Results - Unmitigated Emissions

Impact Parameter	Units	Proposed Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk—On-Site Residential	Per Million	1.23	10	Less than Significant
Maximum Individual Cancer Risk—Off-Site Residential	Per Million	1.06	10	Less than Significant

³ Some construction equipment that was assumed to meet Tier 4 Interim standards may achieve Tier 4 Final standards, which would include more restrictive emissions controls than what was assumed in this assessment, depending on the engine size and model year. In addition, other T-BACT and CARB regulations would be applicable to the Proposed Project including Idling of Commercial Heavy Duty Trucks (13 CCR 2485), In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.), and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

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Maximum Individual Cancer Risk—Worker	Per Million	0.11	10	Less than Significant
Maximum Individual Cancer Risk—Academy of Exploration	Per Million	3.23	10	Less than Significant

The following construction-related mitigation measures for criteria pollutants also apply to reducing TAC emissions: M-AQ-1, M-AQ-2, M-AQ-4, M-AQ-5, M-AQ-6, M-AQ-7, and M-AQ-8. Therefore, while no mitigation is required, Table 2 presents the mitigated cancer risk for on-site and off-site residences, worker, and the Academy of Exploration.

Table 2
Construction Cancer Risk Assessment Results – Mitigated Emissions

Impact Parameter	Units	Proposed Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk—On-Site Residential	Per Million	1.06	10	Less than Significant
Maximum Individual Cancer Risk—Off-Site Residential	Per Million	0.913	10	Less than Significant
Maximum Individual Cancer Risk—Worker	Per Million	0.096	10	Less than Significant
Maximum Individual Cancer Risk—Academy of Exploration	Per Million	2.23	10	Less than Significant

As shown in Table 2, mitigated construction emissions would result in maximum individual cancer risks for both on-site and off-site residences and worker locations that are below the significance threshold of 10 in 1 million. Mitigated construction emissions would result in cancer risk at the Academy of Exploration below significance thresholds of 10 in 1 million. Therefore, the mitigated construction emissions would result in a cancer risk impact that is **less than significant**.

Chronic Hazard

Table 3 tabulates chronic hazard index for on-site and off-site residences, worker, and the Academy of Exploration assuming unmitigated Proposed-Project-generated emissions.

Table 3
Construction Chronic Hazard Index Assessment Results - Unmitigated Emissions

Impact Parameter	Units	Proposed Project Impact	CEQA Threshold	Level of Significance
Chronic Hazard Index—On-Site Residential	Index Value	0.0005	1.0	Less than Significant
Chronic Hazard Index—Off-Site Residential	Index Value	0.0005	1.0	Less than Significant
Chronic Hazard Index—Worker	Index Value	0.002	1.0	Less than Significant
Chronic Hazard Index—Academy of Exploration	Index Value	0.001	1.0	Less than Significant

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Unmitigated construction emissions would result in chronic hazard indices for both on-site and off-site residences and worker locations that are below the significance threshold of 1.0. Unmitigated construction emissions would result in a chronic hazard index at the Academy of Exploration below significance threshold of 1.0. Therefore, the unmitigated construction impacts would be **less than significant**.

Table 4 depicts mitigated chronic hazard index for on-site and off-site residences, worker, and the Academy of Exploration.

Table 4
Construction Chronic Hazard Index Results – Mitigated Emissions

Impact Parameter	Units	Proposed Project Impact	CEQA Threshold	Level of Significance
Chronic Hazard Index—On-Site Residential	Index Value	0.0005	1.0	Less than Significant
Chronic Hazard Index—Off-Site Residential	Index Value	0.0004	1.0	Less than Significant
Chronic Hazard Index—Worker	Index Value	0.001	1.0	Less than Significant
Chronic Hazard Index —Academy of Exploration	Index Value	0.001	1.0	Less than Significant

Mitigated construction emissions would result in chronic hazard indices for both on-site and off-site residences and worker locations which are below the significance threshold of 1.0. Mitigated construction activities would result in chronic hazard indices at the Academy of Exploration below significance threshold of 1.0. Therefore, the mitigated construction impacts would be **less than significant**.

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6 CONCLUSIONS

The Proposed Project's increased cancer risk at on site and off site residences, off site workers, and Academy of Exploration receptors would not exceed the SDAPCD's thresholds before mitigation. The implementation of M-AQ-1 through M-AQ-8 would further reduce construction-related DPM emissions and cancer risk at on-site and off-site residences. In summary, the Proposed Project's cancer risk and chronic hazard at sensitive receptor locations would be below the SDAPCD's thresholds; therefore, impacts would be **less than significant**.

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7 LITERATURE CITED

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APPENDIX A

CalEEMod Output Files

Proctor Valley EIR - PA 16-19 Residential
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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation - refer to inputs

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	2.4357	1.2529	1.2186	2.3400e-003	1.2176	0.0546	1.2722	0.2393	0.0507	0.2900	0.0000	204.7219	204.7219	0.0601	0.0000	206.2237
2024	2.6003	2.9000	2.7729	5.7300e-003	2.4102	0.1200	2.5301	0.4858	0.1108	0.5965	0.0000	502.9946	502.9946	0.1553	0.0000	506.8760
2025	4.7203	0.9440	1.3037	2.1800e-003	0.1294	0.0385	0.1679	0.0129	0.0362	0.0491	0.0000	190.0397	190.0397	0.0473	0.0000	191.2213
2026	2.3293	0.1622	0.2566	4.0000e-004	0.0291	5.8600e-003	0.0350	2.9100e-003	5.6400e-003	8.5400e-003	0.0000	35.0186	35.0186	7.2200e-003	0.0000	35.1991
Maximum	4.7203	2.9000	2.7729	5.7300e-003	2.4102	0.1200	2.5301	0.4858	0.1108	0.5965	0.0000	502.9946	502.9946	0.1553	0.0000	506.8760

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	2.4357	1.2529	1.2186	2.3400e-003	0.5079	0.0546	0.5625	0.0966	0.0507	0.1473	0.0000	204.7216	204.7216	0.0601	0.0000	206.2234
2024	2.6003	2.9000	2.7729	5.7300e-003	1.1753	0.1200	1.2953	0.2129	0.1108	0.3237	0.0000	502.9941	502.9941	0.1553	0.0000	506.8754
2025	4.7203	0.9440	1.3037	2.1800e-003	0.0792	0.0385	0.1177	7.9100e-003	0.0362	0.0441	0.0000	190.0394	190.0394	0.0473	0.0000	191.2210
2026	2.3293	0.1622	0.2566	4.0000e-004	0.0178	5.8600e-003	0.0237	1.7800e-003	5.6400e-003	7.4200e-003	0.0000	35.0186	35.0186	7.2200e-003	0.0000	35.1991
Maximum	4.7203	2.9000	2.7729	5.7300e-003	1.1753	0.1200	1.2953	0.2129	0.1108	0.3237	0.0000	502.9941	502.9941	0.1553	0.0000	506.8754

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	52.98	0.00	50.08	56.91	0.00	44.66	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-1-2023	12-31-2023	1.3140	1.3140
2	1-1-2024	3-31-2024	1.1542	1.1542
3	4-1-2024	6-30-2024	1.1866	1.1866
4	7-1-2024	9-30-2024	0.2888	0.2888
5	10-1-2024	12-31-2024	2.6073	2.6073
6	1-1-2025	3-31-2025	1.4130	1.4130
7	4-1-2025	6-30-2025	1.4916	1.4916
8	7-1-2025	9-30-2025	2.5205	2.5205
9	10-1-2025	12-31-2025	0.3026	0.3026
10	1-1-2026	3-31-2026	2.5000	2.5000
		Highest	2.6073	2.6073

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.7346	0.1639	10.6089	0.0176		1.3626	1.3626		1.3626	1.3626	129.1197	55.6670	184.7867	0.1206	0.0102	190.8285
Energy	0.0192	0.1641	0.0698	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	400.0637	400.0637	0.0179	6.4300e-003	402.4276
Mobile	0.2471	1.0460	2.9741	0.0119	1.2701	8.4700e-003	1.2785	0.3400	7.8700e-003	0.3479	0.0000	1,100.5417	1,100.5417	0.0533	0.0000	1,101.8753
Waste						0.0000	0.0000		0.0000	0.0000	28.6299	0.0000	28.6299	1.6920	0.0000	70.9292
Water						0.0000	0.0000		0.0000	0.0000	2.5838	31.6241	34.2079	0.2675	6.7100e-003	42.8957
Total	11.0009	1.3739	13.6529	0.0305	1.2701	1.3844	2.6544	0.3400	1.3838	1.7237	160.3334	1,587.8965	1,748.2299	2.1514	0.0233	1,808.9562

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.7346	0.1639	10.6089	0.0176		1.3626	1.3626		1.3626	1.3626	129.1197	55.6670	184.7867	0.1206	0.0102	190.8285
Energy	0.0192	0.1641	0.0698	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	400.0637	400.0637	0.0179	6.4300e-003	402.4276
Mobile	0.2471	1.0460	2.9741	0.0119	1.2701	8.4700e-003	1.2785	0.3400	7.8700e-003	0.3479	0.0000	1,100.5417	1,100.5417	0.0533	0.0000	1,101.8753
Waste						0.0000	0.0000		0.0000	0.0000	7.1575	0.0000	7.1575	0.4230	0.0000	17.7323
Water						0.0000	0.0000		0.0000	0.0000	2.5838	31.6241	34.2079	0.2675	6.7100e-003	42.8957
Total	11.0009	1.3739	13.6529	0.0305	1.2701	1.3844	2.6544	0.3400	1.3838	1.7237	138.8610	1,587.8965	1,726.7575	0.8824	0.0233	1,755.7593

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.39	0.00	1.23	58.99	0.00	2.94

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation -1	Site Preparation	4/1/2023	4/30/2023	5	20	
2	Utilities -1	Site Preparation	5/1/2023	6/30/2023	5	45	
3	Grading -1	Grading	5/1/2023	5/30/2023	5	22	
4	P1 Paving	Paving	6/1/2023	6/30/2023	5	22	
5	P1 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
6	P1 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66	
7	P1 Architectural Coating	Architectural Coating	9/1/2023	10/31/2023	5	43	
8	P1 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
9	Site Preparation -2	Site Preparation	1/1/2024	1/31/2024	5	23	
10	Grading -2	Grading	2/1/2024	6/30/2024	5	107	
11	Utilities -2	Site Preparation	5/1/2024	9/30/2024	5	109	
12	P2 Paving	Paving	7/1/2024	7/31/2024	5	23	
13	P2 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
14	P2 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2024	11/30/2024	5	65	
15	P2 Architectural Coating	Architectural Coating	10/1/2024	11/30/2024	5	44	
16	P2 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
17	P3 Paving	Paving	12/1/2024	12/31/2024	5	22	
18	P3 Site Preparation (mo. 1)	Site Preparation	1/1/2025	1/31/2025	5	23	
19	P3 Building Construction 1 (mo. 2-4)	Building Construction	2/1/2025	4/30/2025	5	63	
20	P3 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43	
21	P3 Building Construction 2 (mo. 5)	Building Construction	5/1/2025	5/31/2025	5	22	
22	P4 Paving	Paving	5/1/2025	5/31/2025	5	22	
23	P4 Site Preparation (mo. 1)	Site Preparation	6/1/2025	6/30/2025	5	21	
24	P4 Building Construction 1 (mo. 2-4)	Building Construction	7/1/2025	9/30/2025	5	66	
25	P4 Architectural Coating	Architectural Coating	8/1/2025	9/30/2025	5	43	

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26	P4 Building Construction 2 (mo. 5)	Building Construction	10/1/2025	10/31/2025	5	23	
27	P5 Paving	Paving	10/1/2025	10/31/2025	5	23	
28	P5 Site Preparation (mo. 1)	Site Preparation	11/1/2025	11/30/2025	5	20	
29	P5 Building Construction 1 (mo. 2,4)	Building Construction	12/1/2025	2/28/2026	5	65	
30	P5 Architectural Coating	Architectural Coating	1/1/2026	2/28/2026	5	42	
31	P5 Building Construction 2 (mo. 5)	Building Construction	3/1/2026	3/31/2026	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 1,197,028; Residential Outdoor: 399,009; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation -1	Other Construction Equipment	1	8.00	172	0.42
Site Preparation -1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Utilities -1	Excavators	1	8.00	158	0.38
Utilities -1	Rubber Tired Dozers	0	8.00	247	0.40
Utilities -1	Rubber Tired Loaders	1	8.00	203	0.36
Utilities -1	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading -1	Excavators	2	8.00	158	0.38
Grading -1	Graders	1	8.00	187	0.41
Grading -1	Rubber Tired Dozers	1	8.00	247	0.40
Grading -1	Scrapers	2	8.00	367	0.48
Grading -1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Rubber Tired Dozers	0	8.00	247	0.40
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	8.00	97	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P1 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P1 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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P1 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P1 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P1 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P1 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P1 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
Site Preparation -2	Other Construction Equipment	1	8.00	172	0.42
Site Preparation -2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading -2	Excavators	2	8.00	158	0.38
Grading -2	Graders	1	8.00	187	0.41
Grading -2	Rubber Tired Dozers	1	8.00	247	0.40
Grading -2	Scrapers	2	8.00	367	0.48
Grading -2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Utilities -2	Excavators	1	8.00	158	0.38
Utilities -2	Rubber Tired Dozers	0	0.00	247	0.40
Utilities -2	Rubber Tired Loaders	1	8.00	203	0.36
Utilities -2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40

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P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P2 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P2 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P2 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P2 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P3 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36
P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29

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P3 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P3 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P3 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P3 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P3 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P3 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P3 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P4 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36
P4 Paving	Rollers	2	8.00	80	0.38
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P4 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P4 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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P4 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P4 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P4 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P4 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P5 Paving	Pavers	2	8.00	130	0.42
P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P5 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P5 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29

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P5 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P5 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P5 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P5 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation -1	8	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Utilities -1	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Grading -1	8	0.00	4.00	232.00	10.80	0.15	0.50	LD_Mix	HDT_Mix	MHDT
P1 Paving	6	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation -2	8	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Grading -2	8	0.00	4.00	2,731.00	10.80	0.15	0.50	LD_Mix	HDT_Mix	MHDT
Utilities -2	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	6	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT

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P5 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation -1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0301	0.3096	0.2225	4.4000e-004		0.0145	0.0145		0.0133	0.0133	0.0000	38.8780	38.8780	0.0126	0.0000	39.1924
Total	0.0301	0.3096	0.2225	4.4000e-004	0.1807	0.0145	0.1951	0.0993	0.0133	0.1126	0.0000	38.8780	38.8780	0.0126	0.0000	39.1924

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0700e-003	4.9000e-004	0.0000	7.8700e-003	0.0000	7.8700e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.2164	0.2164	3.0000e-005	0.0000	0.2171
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.0700e-003	4.9000e-004	0.0000	7.8700e-003	0.0000	7.8700e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.2164	0.2164	3.0000e-005	0.0000	0.2171

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0705	0.0000	0.0705	0.0387	0.0000	0.0387	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0301	0.3096	0.2225	4.4000e-004		0.0145	0.0145		0.0133	0.0133	0.0000	38.8780	38.8780	0.0126	0.0000	39.1923
Total	0.0301	0.3096	0.2225	4.4000e-004	0.0705	0.0145	0.0849	0.0387	0.0133	0.0520	0.0000	38.8780	38.8780	0.0126	0.0000	39.1923

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0700e-003	4.9000e-004	0.0000	4.8200e-003	0.0000	4.8200e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.2164	0.2164	3.0000e-005	0.0000	0.2171
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.0700e-003	4.9000e-004	0.0000	4.8200e-003	0.0000	4.8200e-003	4.8000e-004	0.0000	4.8000e-004	0.0000	0.2164	0.2164	3.0000e-005	0.0000	0.2171

3.3 Utilities -1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.0946	0.1073	2.6000e-004		3.7100e-003	3.7100e-003		3.4100e-003	3.4100e-003	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7510
Total	0.0103	0.0946	0.1073	2.6000e-004	0.0000	3.7100e-003	3.7100e-003	0.0000	3.4100e-003	3.4100e-003	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7510

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.6500e-003	1.1000e-003	0.0000	0.0177	0.0000	0.0177	1.7700e-003	0.0000	1.7700e-003	0.0000	0.4868	0.4868	7.0000e-005	0.0000	0.4886
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	4.6500e-003	1.1000e-003	0.0000	0.0177	0.0000	0.0177	1.7700e-003	0.0000	1.7700e-003	0.0000	0.4868	0.4868	7.0000e-005	0.0000	0.4886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.0946	0.1073	2.6000e-004		3.7100e-003	3.7100e-003		3.4100e-003	3.4100e-003	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7509
Total	0.0103	0.0946	0.1073	2.6000e-004	0.0000	3.7100e-003	3.7100e-003	0.0000	3.4100e-003	3.4100e-003	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7509

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.6500e-003	1.1000e-003	0.0000	0.0108	0.0000	0.0108	1.0800e-003	0.0000	1.0800e-003	0.0000	0.4868	0.4868	7.0000e-005	0.0000	0.4886
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	4.6500e-003	1.1000e-003	0.0000	0.0108	0.0000	0.0108	1.0800e-003	0.0000	1.0800e-003	0.0000	0.4868	0.4868	7.0000e-005	0.0000	0.4886

3.4 Grading -1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8881	0.0000	0.8881	0.1252	0.0000	0.1252	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0365	0.3797	0.3086	6.8000e-004		0.0157	0.0157		0.0144	0.0144	0.0000	59.9887	59.9887	0.0194	0.0000	60.4738
Total	0.0365	0.3797	0.3086	6.8000e-004	0.8881	0.0157	0.9038	0.1252	0.0144	0.1396	0.0000	59.9887	59.9887	0.0194	0.0000	60.4738

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	3.1100e-003	1.5000e-003	0.0000	0.0760	0.0000	0.0760	7.5900e-003	0.0000	7.5900e-003	0.0000	0.2124	0.2124	2.0000e-005	0.0000	0.2128
Vendor	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.6000e-004	5.3800e-003	2.0400e-003	0.0000	0.0847	0.0000	0.0847	8.4500e-003	0.0000	8.4500e-003	0.0000	0.4504	0.4504	5.0000e-005	0.0000	0.4517

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3464	0.0000	0.3464	0.0488	0.0000	0.0488	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0365	0.3797	0.3086	6.8000e-004		0.0157	0.0157		0.0144	0.0144	0.0000	59.9887	59.9887	0.0194	0.0000	60.4737
Total	0.0365	0.3797	0.3086	6.8000e-004	0.3464	0.0157	0.3620	0.0488	0.0144	0.0632	0.0000	59.9887	59.9887	0.0194	0.0000	60.4737

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	3.1100e-003	1.5000e-003	0.0000	0.0466	0.0000	0.0466	4.6500e-003	0.0000	4.6500e-003	0.0000	0.2124	0.2124	2.0000e-005	0.0000	0.2128
Vendor	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	5.3000e-003	0.0000	5.3000e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.6000e-004	5.3800e-003	2.0400e-003	0.0000	0.0519	0.0000	0.0519	5.1800e-003	0.0000	5.1800e-003	0.0000	0.4504	0.4504	5.0000e-005	0.0000	0.4517

3.5 P1 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	5.3000e-003	0.0000	5.3000e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	5.3000e-003	0.0000	5.3000e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389

3.6 P1 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1247	0.1019	2.0000e-004		5.8100e-003	5.8100e-003		5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	0.0124	0.1247	0.1019	2.0000e-004	0.0000	5.8100e-003	5.8100e-003	0.0000	5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0800e-003	2.6000e-004	0.0000	4.1300e-003	0.0000	4.1300e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.1136	0.1136	2.0000e-005	0.0000	0.1140
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0800e-003	2.6000e-004	0.0000	4.1300e-003	0.0000	4.1300e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.1136	0.1136	2.0000e-005	0.0000	0.1140

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1247	0.1019	2.0000e-004		5.8100e-003	5.8100e-003		5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	0.0124	0.1247	0.1019	2.0000e-004	0.0000	5.8100e-003	5.8100e-003	0.0000	5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0800e-003	2.6000e-004	0.0000	2.5300e-003	0.0000	2.5300e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.1136	0.1136	2.0000e-005	0.0000	0.1140
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0800e-003	2.6000e-004	0.0000	2.5300e-003	0.0000	2.5300e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.1136	0.1136	2.0000e-005	0.0000	0.1140

3.7 P1 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	3.4100e-003	8.1000e-004	0.0000	0.0130	0.0000	0.0130	1.3000e-003	0.0000	1.3000e-003	0.0000	0.3570	0.3570	5.0000e-005	0.0000	0.3583
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0000e-005	3.4100e-003	8.1000e-004	0.0000	0.0130	0.0000	0.0130	1.3000e-003	0.0000	1.3000e-003	0.0000	0.3570	0.3570	5.0000e-005	0.0000	0.3583

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	3.4100e-003	8.1000e-004	0.0000	7.9500e-003	0.0000	7.9500e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.3570	0.3570	5.0000e-005	0.0000	0.3583
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0000e-005	3.4100e-003	8.1000e-004	0.0000	7.9500e-003	0.0000	7.9500e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.3570	0.3570	5.0000e-005	0.0000	0.3583

3.8 P1 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6387	14.6387	8.8000e-004	0.0000	14.6606
Total	2.3228	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6387	14.6387	8.8000e-004	0.0000	14.6606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2200e-003	5.3000e-004	0.0000	8.4500e-003	0.0000	8.4600e-003	8.4000e-004	0.0000	8.5000e-004	0.0000	0.2326	0.2326	3.0000e-005	0.0000	0.2334
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.2200e-003	5.3000e-004	0.0000	8.4500e-003	0.0000	8.4600e-003	8.4000e-004	0.0000	8.5000e-004	0.0000	0.2326	0.2326	3.0000e-005	0.0000	0.2334

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6386	14.6386	8.8000e-004	0.0000	14.6605
Total	2.3228	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6386	14.6386	8.8000e-004	0.0000	14.6605

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2200e-003	5.3000e-004	0.0000	5.1800e-003	0.0000	5.1800e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.2326	0.2326	3.0000e-005	0.0000	0.2334
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.2200e-003	5.3000e-004	0.0000	5.1800e-003	0.0000	5.1800e-003	5.2000e-004	0.0000	5.2000e-004	0.0000	0.2326	0.2326	3.0000e-005	0.0000	0.2334

3.9 P1 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.2400e-003	0.0385	0.0590	9.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8971
Total	3.2400e-003	0.0385	0.0590	9.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8971

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1400e-003	2.7000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1190	0.1190	2.0000e-005	0.0000	0.1194
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1400e-003	2.7000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1190	0.1190	2.0000e-005	0.0000	0.1194

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.2400e-003	0.0385	0.0590	9.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8970
Total	3.2400e-003	0.0385	0.0590	9.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1400e-003	2.7000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1190	0.1190	2.0000e-005	0.0000	0.1194
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1400e-003	2.7000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1190	0.1190	2.0000e-005	0.0000	0.1194

3.10 Site Preparation -2 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2078	0.0000	0.2078	0.1142	0.0000	0.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3495	0.2570	5.1000e-004		0.0160	0.0160		0.0148	0.0148	0.0000	44.7169	44.7169	0.0145	0.0000	45.0784
Total	0.0344	0.3495	0.2570	5.1000e-004	0.2078	0.0160	0.2238	0.1142	0.0148	0.1290	0.0000	44.7169	44.7169	0.0145	0.0000	45.0784

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	9.0400e-003	0.0000	9.0500e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	9.0400e-003	0.0000	9.0500e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0810	0.0000	0.0810	0.0445	0.0000	0.0445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3495	0.2570	5.1000e-004		0.0160	0.0160		0.0148	0.0148	0.0000	44.7168	44.7168	0.0145	0.0000	45.0784
Total	0.0344	0.3495	0.2570	5.1000e-004	0.0810	0.0160	0.0971	0.0445	0.0148	0.0593	0.0000	44.7168	44.7168	0.0145	0.0000	45.0784

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	5.5400e-003	0.0000	5.5400e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	5.5400e-003	0.0000	5.5400e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466

3.11 Grading -2 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1441	0.0000	1.1441	0.2658	0.0000	0.2658	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1722	1.7322	1.4832	3.3200e-003		0.0714	0.0714		0.0657	0.0657	0.0000	291.6795	291.6795	0.0943	0.0000	294.0378
Total	0.1722	1.7322	1.4832	3.3200e-003	1.1441	0.0714	1.2155	0.2658	0.0657	0.3316	0.0000	291.6795	291.6795	0.0943	0.0000	294.0378

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1600e-003	0.0367	0.0161	3.0000e-005	0.8949	1.0000e-005	0.8949	0.0894	1.0000e-005	0.0894	0.0000	2.4948	2.4948	1.7000e-004	0.0000	2.4990
Vendor	2.1000e-004	0.0110	2.4700e-003	1.0000e-005	0.0421	0.0000	0.0421	4.2000e-003	0.0000	4.2100e-003	0.0000	1.1433	1.1433	1.6000e-004	0.0000	1.1473
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.3700e-003	0.0477	0.0185	4.0000e-005	0.9370	1.0000e-005	0.9370	0.0936	1.0000e-005	0.0936	0.0000	3.6381	3.6381	3.3000e-004	0.0000	3.6463

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4462	0.0000	0.4462	0.1037	0.0000	0.1037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1722	1.7322	1.4832	3.3200e-003		0.0714	0.0714		0.0657	0.0657	0.0000	291.6791	291.6791	0.0943	0.0000	294.0375
Total	0.1722	1.7322	1.4832	3.3200e-003	0.4462	0.0714	0.5176	0.1037	0.0657	0.1694	0.0000	291.6791	291.6791	0.0943	0.0000	294.0375

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1600e-003	0.0367	0.0161	3.0000e-005	0.5480	1.0000e-005	0.5480	0.0547	1.0000e-005	0.0547	0.0000	2.4948	2.4948	1.7000e-004	0.0000	2.4990
Vendor	2.1000e-004	0.0110	2.4700e-003	1.0000e-005	0.0258	0.0000	0.0258	2.5700e-003	0.0000	2.5800e-003	0.0000	1.1433	1.1433	1.6000e-004	0.0000	1.1473
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.3700e-003	0.0477	0.0185	4.0000e-005	0.5738	1.0000e-005	0.5738	0.0573	1.0000e-005	0.0573	0.0000	3.6381	3.6381	3.3000e-004	0.0000	3.6463

3.12 Utilities -2 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.2033	0.2595	6.2000e-004		8.0100e-003	8.0100e-003		7.3700e-003	7.3700e-003	0.0000	54.6715	54.6715	0.0177	0.0000	55.1135
Total	0.0237	0.2033	0.2595	6.2000e-004	0.0000	8.0100e-003	8.0100e-003	0.0000	7.3700e-003	7.3700e-003	0.0000	54.6715	54.6715	0.0177	0.0000	55.1135

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	0.0112	2.5200e-003	1.0000e-005	0.0429	0.0000	0.0429	4.2800e-003	0.0000	4.2800e-003	0.0000	1.1647	1.1647	1.6000e-004	0.0000	1.1687
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.1000e-004	0.0112	2.5200e-003	1.0000e-005	0.0429	0.0000	0.0429	4.2800e-003	0.0000	4.2800e-003	0.0000	1.1647	1.1647	1.6000e-004	0.0000	1.1687

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.2033	0.2595	6.2000e-004		8.0100e-003	8.0100e-003		7.3700e-003	7.3700e-003	0.0000	54.6714	54.6714	0.0177	0.0000	55.1135
Total	0.0237	0.2033	0.2595	6.2000e-004	0.0000	8.0100e-003	8.0100e-003	0.0000	7.3700e-003	7.3700e-003	0.0000	54.6714	54.6714	0.0177	0.0000	55.1135

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	0.0112	2.5200e-003	1.0000e-005	0.0263	0.0000	0.0263	2.6200e-003	0.0000	2.6200e-003	0.0000	1.1647	1.1647	1.6000e-004	0.0000	1.1687
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.1000e-004	0.0112	2.5200e-003	1.0000e-005	0.0263	0.0000	0.0263	2.6200e-003	0.0000	2.6200e-003	0.0000	1.1647	1.1647	1.6000e-004	0.0000	1.1687

3.13 P2 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	9.0400e-003	0.0000	9.0500e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	9.0400e-003	0.0000	9.0500e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	5.5400e-003	0.0000	5.5400e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	5.5400e-003	0.0000	5.5400e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466

3.14 P2 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	0.0123	0.1220	0.1063	2.1000e-004	0.0000	5.6300e-003	5.6300e-003	0.0000	5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	0.0123	0.1220	0.1063	2.1000e-004	0.0000	5.6300e-003	5.6300e-003	0.0000	5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179

3.15 P2 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7369	18.7369	6.0600e-003	0.0000	18.8884
Total	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7369	18.7369	6.0600e-003	0.0000	18.8884

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3300e-003	7.5000e-004	0.0000	0.0128	0.0000	0.0128	1.2800e-003	0.0000	1.2800e-003	0.0000	0.3473	0.3473	5.0000e-005	0.0000	0.3485
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3300e-003	7.5000e-004	0.0000	0.0128	0.0000	0.0128	1.2800e-003	0.0000	1.2800e-003	0.0000	0.3473	0.3473	5.0000e-005	0.0000	0.3485

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7368	18.7368	6.0600e-003	0.0000	18.8883
Total	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7368	18.7368	6.0600e-003	0.0000	18.8883

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3300e-003	7.5000e-004	0.0000	7.8300e-003	0.0000	7.8300e-003	7.8000e-004	0.0000	7.8000e-004	0.0000	0.3473	0.3473	5.0000e-005	0.0000	0.3485
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3300e-003	7.5000e-004	0.0000	7.8300e-003	0.0000	7.8300e-003	7.8000e-004	0.0000	7.8000e-004	0.0000	0.3473	0.3473	5.0000e-005	0.0000	0.3485

3.16 P2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.0715	0.1062	1.7000e-004		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002
Total	2.3224	0.0715	0.1062	1.7000e-004		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.5000e-003	1.0200e-003	0.0000	0.0173	0.0000	0.0173	1.7300e-003	0.0000	1.7300e-003	0.0000	0.4702	0.4702	6.0000e-005	0.0000	0.4718
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	4.5000e-003	1.0200e-003	0.0000	0.0173	0.0000	0.0173	1.7300e-003	0.0000	1.7300e-003	0.0000	0.4702	0.4702	6.0000e-005	0.0000	0.4718

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.0715	0.1062	1.7000e-004		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002
Total	2.3224	0.0715	0.1062	1.7000e-004		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.5000e-003	1.0200e-003	0.0000	0.0106	0.0000	0.0106	1.0600e-003	0.0000	1.0600e-003	0.0000	0.4702	0.4702	6.0000e-005	0.0000	0.4718
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	4.5000e-003	1.0200e-003	0.0000	0.0106	0.0000	0.0106	1.0600e-003	0.0000	1.0600e-003	0.0000	0.4702	0.4702	6.0000e-005	0.0000	0.4718

3.17 P2 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179

3.18 P3 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.6300e-003	1.2700e-003	1.0000e-005	0.0216	0.0000	0.0216	2.1600e-003	0.0000	2.1600e-003	0.0000	0.5877	0.5877	8.0000e-005	0.0000	0.5897
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.1000e-004	5.6300e-003	1.2700e-003	1.0000e-005	0.0216	0.0000	0.0216	2.1600e-003	0.0000	2.1600e-003	0.0000	0.5877	0.5877	8.0000e-005	0.0000	0.5897

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.6300e-003	1.2700e-003	1.0000e-005	0.0133	0.0000	0.0133	1.3200e-003	0.0000	1.3200e-003	0.0000	0.5877	0.5877	8.0000e-005	0.0000	0.5897
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.1000e-004	5.6300e-003	1.2700e-003	1.0000e-005	0.0133	0.0000	0.0133	1.3200e-003	0.0000	1.3200e-003	0.0000	0.5877	0.5877	8.0000e-005	0.0000	0.5897

3.19 P3 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.1148	0.1100	2.2000e-004		5.1300e-003	5.1300e-003		4.8300e-003	4.8300e-003	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193
Total	0.0118	0.1148	0.1100	2.2000e-004	0.0000	5.1300e-003	5.1300e-003	0.0000	4.8300e-003	4.8300e-003	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.1148	0.1100	2.2000e-004		5.1300e-003	5.1300e-003		4.8300e-003	4.8300e-003	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193
Total	0.0118	0.1148	0.1100	2.2000e-004	0.0000	5.1300e-003	5.1300e-003	0.0000	4.8300e-003	4.8300e-003	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	2.7700e-003	0.0000	2.7700e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	2.7700e-003	0.0000	2.7700e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

3.20 P3 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7000e-003	0.0773	0.1335	1.9000e-004		2.6300e-003	2.6300e-003		2.4200e-003	2.4200e-003	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273
Total	6.7000e-003	0.0773	0.1335	1.9000e-004		2.6300e-003	2.6300e-003		2.4200e-003	2.4200e-003	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.2000e-003	7.0000e-004	0.0000	0.0124	0.0000	0.0124	1.2400e-003	0.0000	1.2400e-003	0.0000	0.3327	0.3327	4.0000e-005	0.0000	0.3338
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.2000e-003	7.0000e-004	0.0000	0.0124	0.0000	0.0124	1.2400e-003	0.0000	1.2400e-003	0.0000	0.3327	0.3327	4.0000e-005	0.0000	0.3338

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7000e-003	0.0773	0.1335	1.9000e-004		2.6300e-003	2.6300e-003		2.4200e-003	2.4200e-003	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273
Total	6.7000e-003	0.0773	0.1335	1.9000e-004		2.6300e-003	2.6300e-003		2.4200e-003	2.4200e-003	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.2000e-003	7.0000e-004	0.0000	7.5900e-003	0.0000	7.5900e-003	7.6000e-004	0.0000	7.6000e-004	0.0000	0.3327	0.3327	4.0000e-005	0.0000	0.3338
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.2000e-003	7.0000e-004	0.0000	7.5900e-003	0.0000	7.5900e-003	7.6000e-004	0.0000	7.6000e-004	0.0000	0.3327	0.3327	4.0000e-005	0.0000	0.3338

3.21 P3 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	2.3216	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0169	0.0000	0.0169	1.6900e-003	0.0000	1.6900e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0169	0.0000	0.0169	1.6900e-003	0.0000	1.6900e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	2.3216	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0104	0.0000	0.0104	1.0300e-003	0.0000	1.0300e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0104	0.0000	0.0104	1.0300e-003	0.0000	1.0300e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557

3.22 P3 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1200e-003	2.4000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1162	0.1162	2.0000e-005	0.0000	0.1166
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1200e-003	2.4000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1162	0.1162	2.0000e-005	0.0000	0.1166

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1200e-003	2.4000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1162	0.1162	2.0000e-005	0.0000	0.1166
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1200e-003	2.4000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1162	0.1162	2.0000e-005	0.0000	0.1166

3.23 P4 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.5800e-003	1.2200e-003	1.0000e-005	0.0216	0.0000	0.0216	2.1600e-003	0.0000	2.1600e-003	0.0000	0.5810	0.5810	8.0000e-005	0.0000	0.5829
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.0000e-004	5.5800e-003	1.2200e-003	1.0000e-005	0.0216	0.0000	0.0216	2.1600e-003	0.0000	2.1600e-003	0.0000	0.5810	0.5810	8.0000e-005	0.0000	0.5829

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.5800e-003	1.2200e-003	1.0000e-005	0.0133	0.0000	0.0133	1.3200e-003	0.0000	1.3200e-003	0.0000	0.5810	0.5810	8.0000e-005	0.0000	0.5829
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.0000e-004	5.5800e-003	1.2200e-003	1.0000e-005	0.0133	0.0000	0.0133	1.3200e-003	0.0000	1.3200e-003	0.0000	0.5810	0.5810	8.0000e-005	0.0000	0.5829

3.24 P4 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.1049	0.1004	2.0000e-004		4.6900e-003	4.6900e-003		4.4100e-003	4.4100e-003	0.0000	17.5422	17.5422	3.8900e-003	0.0000	17.6394
Total	0.0108	0.1049	0.1004	2.0000e-004	0.0000	4.6900e-003	4.6900e-003	0.0000	4.4100e-003	4.4100e-003	0.0000	17.5422	17.5422	3.8900e-003	0.0000	17.6394

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	4.1300e-003	0.0000	4.1300e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.1109	0.1109	1.0000e-005	0.0000	0.1113
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	4.1300e-003	0.0000	4.1300e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.1109	0.1109	1.0000e-005	0.0000	0.1113

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.1049	0.1004	2.0000e-004		4.6900e-003	4.6900e-003		4.4100e-003	4.4100e-003	0.0000	17.5421	17.5421	3.8900e-003	0.0000	17.6393
Total	0.0108	0.1049	0.1004	2.0000e-004	0.0000	4.6900e-003	4.6900e-003	0.0000	4.4100e-003	4.4100e-003	0.0000	17.5421	17.5421	3.8900e-003	0.0000	17.6393

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	2.5300e-003	0.0000	2.5300e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.1109	0.1109	1.0000e-005	0.0000	0.1113
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	2.5300e-003	0.0000	2.5300e-003	2.5000e-004	0.0000	2.5000e-004	0.0000	0.1109	0.1109	1.0000e-005	0.0000	0.1113

3.25 P4 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3500e-003	7.3000e-004	0.0000	0.0130	0.0000	0.0130	1.3000e-003	0.0000	1.3000e-003	0.0000	0.3486	0.3486	5.0000e-005	0.0000	0.3497
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3500e-003	7.3000e-004	0.0000	0.0130	0.0000	0.0130	1.3000e-003	0.0000	1.3000e-003	0.0000	0.3486	0.3486	5.0000e-005	0.0000	0.3497

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3500e-003	7.3000e-004	0.0000	7.9500e-003	0.0000	7.9500e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.3486	0.3486	5.0000e-005	0.0000	0.3497
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3500e-003	7.3000e-004	0.0000	7.9500e-003	0.0000	7.9500e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.3486	0.3486	5.0000e-005	0.0000	0.3497

3.26 P4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	2.3216	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0169	0.0000	0.0169	1.6900e-003	0.0000	1.6900e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0169	0.0000	0.0169	1.6900e-003	0.0000	1.6900e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	2.3216	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0104	0.0000	0.0104	1.0300e-003	0.0000	1.0300e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0104	0.0000	0.0104	1.0300e-003	0.0000	1.0300e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557

3.27 P4 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	2.7700e-003	0.0000	2.7700e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	2.7700e-003	0.0000	2.7700e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

3.28 P5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0105	0.0987	0.1677	2.6000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0105	0.0987	0.1677	2.6000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8300e-003	1.2800e-003	1.0000e-005	0.0226	0.0000	0.0226	2.2600e-003	0.0000	2.2600e-003	0.0000	0.6074	0.6074	8.0000e-005	0.0000	0.6094
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.1000e-004	5.8300e-003	1.2800e-003	1.0000e-005	0.0226	0.0000	0.0226	2.2600e-003	0.0000	2.2600e-003	0.0000	0.6074	0.6074	8.0000e-005	0.0000	0.6094

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0105	0.0987	0.1677	2.6000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0105	0.0987	0.1677	2.6000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8300e-003	1.2800e-003	1.0000e-005	0.0139	0.0000	0.0139	1.3800e-003	0.0000	1.3800e-003	0.0000	0.6074	0.6074	8.0000e-005	0.0000	0.6094
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.1000e-004	5.8300e-003	1.2800e-003	1.0000e-005	0.0139	0.0000	0.0139	1.3800e-003	0.0000	1.3800e-003	0.0000	0.6074	0.6074	8.0000e-005	0.0000	0.6094

3.29 P5 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.0999	0.0957	1.9000e-004		4.4600e-003	4.4600e-003		4.2000e-003	4.2000e-003	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994
Total	0.0103	0.0999	0.0957	1.9000e-004	0.0000	4.4600e-003	4.4600e-003	0.0000	4.2000e-003	4.2000e-003	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.2000e-004	0.0000	3.9300e-003	0.0000	3.9300e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.1056	0.1056	1.0000e-005	0.0000	0.1060
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0100e-003	2.2000e-004	0.0000	3.9300e-003	0.0000	3.9300e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.1056	0.1056	1.0000e-005	0.0000	0.1060

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.0999	0.0957	1.9000e-004		4.4600e-003	4.4600e-003		4.2000e-003	4.2000e-003	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994
Total	0.0103	0.0999	0.0957	1.9000e-004	0.0000	4.4600e-003	4.4600e-003	0.0000	4.2000e-003	4.2000e-003	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.2000e-004	0.0000	2.4100e-003	0.0000	2.4100e-003	2.4000e-004	0.0000	2.4000e-004	0.0000	0.1056	0.1056	1.0000e-005	0.0000	0.1060
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0100e-003	2.2000e-004	0.0000	2.4100e-003	0.0000	2.4100e-003	2.4000e-004	0.0000	2.4000e-004	0.0000	0.1056	0.1056	1.0000e-005	0.0000	0.1060

3.30 P5 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6300e-003	0.0301	0.0519	8.0000e-005		1.0400e-003	1.0400e-003		9.5000e-004	9.5000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864
Total	2.6300e-003	0.0301	0.0519	8.0000e-005		1.0400e-003	1.0400e-003		9.5000e-004	9.5000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6300e-003	0.0301	0.0519	8.0000e-005		1.0400e-003	1.0400e-003		9.5000e-004	9.5000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864
Total	2.6300e-003	0.0301	0.0519	8.0000e-005		1.0400e-003	1.0400e-003		9.5000e-004	9.5000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	2.7700e-003	0.0000	2.7700e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	2.7700e-003	0.0000	2.7700e-003	2.8000e-004	0.0000	2.8000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

3.30 P5 Building Construction 1 (mo. 2-4) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8100e-003	0.0550	0.0948	1.4000e-004		1.8900e-003	1.8900e-003		1.7400e-003	1.7400e-003	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100
Total	4.8100e-003	0.0550	0.0948	1.4000e-004		1.8900e-003	1.8900e-003		1.7400e-003	1.7400e-003	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8100e-003	0.0550	0.0948	1.4000e-004		1.8900e-003	1.8900e-003		1.7400e-003	1.7400e-003	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100
Total	4.8100e-003	0.0550	0.0948	1.4000e-004		1.8900e-003	1.8900e-003		1.7400e-003	1.7400e-003	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	5.0600e-003	0.0000	5.0600e-003	5.0000e-004	0.0000	5.1000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	5.0600e-003	0.0000	5.0600e-003	5.0000e-004	0.0000	5.1000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201

3.31 P5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5700e-003	0.0642	0.1013	1.7000e-004		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177
Total	2.3213	0.0642	0.1013	1.7000e-004		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.2300e-003	9.0000e-004	0.0000	0.0165	0.0000	0.0165	1.6500e-003	0.0000	1.6500e-003	0.0000	0.4387	0.4387	6.0000e-005	0.0000	0.4401
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.2300e-003	9.0000e-004	0.0000	0.0165	0.0000	0.0165	1.6500e-003	0.0000	1.6500e-003	0.0000	0.4387	0.4387	6.0000e-005	0.0000	0.4401

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5700e-003	0.0642	0.1013	1.7000e-004		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177
Total	2.3213	0.0642	0.1013	1.7000e-004		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.2300e-003	9.0000e-004	0.0000	0.0101	0.0000	0.0101	1.0100e-003	0.0000	1.0100e-003	0.0000	0.4387	0.4387	6.0000e-005	0.0000	0.4401
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.2300e-003	9.0000e-004	0.0000	0.0101	0.0000	0.0101	1.0100e-003	0.0000	1.0100e-003	0.0000	0.4387	0.4387	6.0000e-005	0.0000	0.4401

3.32 P5 Building Construction 2 (mo. 5) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	2.6500e-003	0.0000	2.6500e-003	2.6000e-004	0.0000	2.6000e-004	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153

CalEEMod Version: CalEEMod.2016.3.1

Date: 1/9/2018 11:15 AM

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation - refer to inputs

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstructionPhase	NumDays	6,200.00	21.00
tblConstructionPhase	NumDays	6,200.00	66.00
tblConstructionPhase	NumDays	6,200.00	22.00
tblConstructionPhase	NumDays	6,200.00	65.00
tblConstructionPhase	NumDays	6,200.00	66.00
tblConstructionPhase	NumDays	6,200.00	22.00
tblConstructionPhase	NumDays	6,200.00	21.00
tblConstructionPhase	NumDays	6,200.00	66.00
tblConstructionPhase	NumDays	440.00	21.00
tblConstructionPhase	NumDays	440.00	22.00
tblConstructionPhase	NumDays	440.00	21.00
tblConstructionPhase	NumDays	440.00	21.00
tblConstructionPhase	NumDays	240.00	22.00
tblConstructionPhase	NumDays	240.00	20.00
tblConstructionPhase	NumDays	240.00	22.00
tblConstructionPhase	NumDays	240.00	22.00
tblConstructionPhase	NumDays	440.00	43.00
tblConstructionPhase	NumDays	440.00	43.00
tblConstructionPhase	NumDays	440.00	45.00
tblConstructionPhase	NumDays	440.00	44.00

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tblGrading	AcresOfGrading	11.00	0.00
tblLandUse	BuildingSpaceSquareFeet	225,000.00	591,125.00
tblLandUse	LandUseSquareFeet	225,000.00	591,125.00
tblLandUse	LotAcreage	40.58	368.00
tblLandUse	Population	358.00	344.00
tblOffRoadEquipment	LoadFactor	0.41	0.41
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	LoadFactor	0.41	0.41
tblOffRoadEquipment	LoadFactor	0.37	0.37
tblOffRoadEquipment	LoadFactor	0.50	0.50
tblOffRoadEquipment	OffRoadEquipmentType		Cement and Mortar Mixers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Cement and Mortar Mixers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors
tblOffRoadEquipment	OffRoadEquipmentType		Cement and Mortar Mixers
tblOffRoadEquipment	OffRoadEquipmentType		Graders
tblOffRoadEquipment	OffRoadEquipmentType		Pumps
tblOffRoadEquipment	OffRoadEquipmentType		Skid Steer Loaders
tblOffRoadEquipment	OffRoadEquipmentType		Trenchers
tblOffRoadEquipment	OffRoadEquipmentType		Air Compressors

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[illegible]

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tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	10.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	13.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00

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tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	9.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	9.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	9.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	9.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	18.7058	2.0170	2.2766	4.0800e-003	0.4034	0.0851	0.4885	0.2191	0.0797	0.2988	0.0000	353.7950	353.7950	0.0882	0.0000	355.9995
2027	18.7377	2.3231	2.7152	4.7900e-003	0.3906	0.0971	0.4878	0.2098	0.0910	0.3008	0.0000	414.6819	414.6819	0.1036	0.0000	417.2717
Maximum	18.7377	2.3231	2.7152	4.7900e-003	0.4034	0.0971	0.4885	0.2191	0.0910	0.3008	0.0000	414.6819	414.6819	0.1036	0.0000	417.2717

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	18.7058	2.0170	2.2766	4.0800e-003	0.1574	0.0851	0.2425	0.0855	0.0797	0.1652	0.0000	353.7946	353.7946	0.0882	0.0000	355.9990
2027	18.7377	2.3231	2.7152	4.7900e-003	0.1524	0.0971	0.2496	0.0818	0.0910	0.1729	0.0000	414.6814	414.6814	0.1036	0.0000	417.2712
Maximum	18.7377	2.3231	2.7152	4.7900e-003	0.1574	0.0971	0.2496	0.0855	0.0910	0.1729	0.0000	414.6814	414.6814	0.1036	0.0000	417.2712

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	60.98	0.00	49.60	60.99	0.00	43.63	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
11	4-1-2026	6-30-2026	0.2818	0.2818
12	7-1-2026	9-30-2026	0.5582	0.5582
13	10-1-2026	12-31-2026	0.4250	0.4250
14	1-1-2027	3-31-2027	0.4471	0.4471
15	4-1-2027	6-30-2027	0.5760	0.5760
16	7-1-2027	9-30-2027	0.2818	0.2818
		Highest	0.5760	0.5760

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.7346	0.1639	10.6089	0.0176		1.3626	1.3626		1.3626	1.3626	129.1197	55.6670	184.7867	0.1206	0.0102	190.8285
Energy	0.0192	0.1641	0.0698	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	400.0637	400.0637	0.0179	6.4300e-003	402.4276
Mobile	0.2471	1.0460	2.9741	0.0119	1.2701	8.4700e-003	1.2785	0.3400	7.8700e-003	0.3479	0.0000	1,100.5417	1,100.5417	0.0533	0.0000	1,101.8753
Waste						0.0000	0.0000		0.0000	0.0000	28.6299	0.0000	28.6299	1.6920	0.0000	70.9292
Water						0.0000	0.0000		0.0000	0.0000	2.5838	31.6241	34.2079	0.2675	6.7100e-003	42.8957
Total	11.0009	1.3739	13.6529	0.0305	1.2701	1.3844	2.6544	0.3400	1.3838	1.7237	160.3334	1,587.8965	1,748.2299	2.1514	0.0233	1,808.9562

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.7346	0.1639	10.6089	0.0176		1.3626	1.3626		1.3626	1.3626	129.1197	55.6670	184.7867	0.1206	0.0102	190.8285
Energy	0.0192	0.1641	0.0698	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	400.0637	400.0637	0.0179	6.4300e-003	402.4276
Mobile	0.2471	1.0460	2.9741	0.0119	1.2701	8.4700e-003	1.2785	0.3400	7.8700e-003	0.3479	0.0000	1,100.5417	1,100.5417	0.0533	0.0000	1,101.8753
Waste						0.0000	0.0000		0.0000	0.0000	7.1575	0.0000	7.1575	0.4230	0.0000	17.7323
Water						0.0000	0.0000		0.0000	0.0000	2.5838	31.6241	34.2079	0.2675	6.7100e-003	42.8957
Total	11.0009	1.3739	13.6529	0.0305	1.2701	1.3844	2.6544	0.3400	1.3838	1.7237	138.8610	1,587.8965	1,726.7575	0.8824	0.0233	1,755.7593

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.39	0.00	1.23	58.99	0.00	2.94

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P6 Site Preperation (mo. 1)	Site Preparation	4/1/2026	4/30/2026	5	22	
2	P6 Building Construction 1 (mo. 2,4)	Building Construction	5/1/2026	7/31/2026	5	66	
3	P6 Architecutal Coating	Architectural Coating	6/1/2026	7/31/2026	5	45	
4	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2026	8/31/2026	5	21	
5	P6 Paving	Paving	8/1/2026	8/31/2026	5	21	
6	P7 Paving	Paving	8/1/2026	8/31/2026	5	21	
7	P7 Site Preperation (mo. 1)	Site Preparation	9/1/2026	9/30/2026	5	22	
8	P7 Building Construction 1 (mo. 2,4)	Building Construction	10/1/2026	12/31/2026	5	66	
9	P7 Architecutal Coating	Architectural Coating	11/1/2026	12/31/2026	5	44	
10	P7 Building Construction 2 (mo. 5)	Building Construction	1/1/2027	1/31/2027	5	21	
11	P8 Paving	Paving	1/1/2027	1/31/2027	5	21	
12	P8 Site Preperation (mo. 1)	Site Preparation	2/1/2027	2/28/2027	5	20	
13	P8 Building Construction 1 (mo. 2,4)	Building Construction	3/1/2027	5/31/2027	5	66	
14	P8 Architecutal Coating	Architectural Coating	4/1/2027	5/31/2027	5	43	
15	P8 Building Construction 2 (mo. 5)	Building Construction	6/1/2027	6/30/2027	5	22	
16	P9 Paving	Paving	6/1/2027	6/30/2027	5	22	
17	P9 Site Preperation (mo. 1)	Site Preparation	7/1/2027	7/31/2027	5	22	
18	P9 Building Construction 1 (mo. 2,4)	Building Construction	8/1/2027	10/31/2027	5	65	
19	P9 Architecutal Coating	Architectural Coating	9/1/2027	10/31/2027	5	43	
20	P9 Building Construction 2 (mo. 5)	Building Construction	11/1/2027	11/30/2027	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 1,197,028; Residential Outdoor: 399,009; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P6 Site Preperation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preperation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preperation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preperation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preperation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architecutal Coating	Air Compressors	2	6.00	78	0.48
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Architectural Coating	Air Compressors	2	6.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40

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P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P8 Paving	Pavers	2	8.00	130	0.42
P8 Paving	Paving Equipment	2	8.00	132	0.36
P8 Paving	Rollers	2	8.00	80	0.38
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P8 Architectural Coating	Air Compressors	2	6.00	78	0.48
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P9 Paving	Pavers	2	8.00	130	0.42
P9 Paving	Paving Equipment	2	8.00	132	0.36
P9 Paving	Rollers	2	8.00	80	0.38
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P9 Architectural Coating	Air Compressors	2	6.00	78	0.48
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

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P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P7 Architectural Coating	Air Compressors	2	6.00	78	0.48
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Architectural Coating	Air Compressors	2	6.00	78	0.48
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Architectural Coating	Air Compressors	2	6.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cranes	1	7.00	231	0.29
P8 Building Construction 1 (mo. 2-4)	Cranes	1	7.00	231	0.29
P8 Building Construction 2 (mo. 5)	Cranes	1	7.00	231	0.29
P9 Building Construction 1 (mo. 2-4)	Cranes	1	7.00	231	0.29
P6 Building Construction 1 (mo. 2-4)	Cranes	1	7.00	231	0.29
P9 Building Construction 2 (mo. 5)	Cranes	1	7.00	231	0.29
P6 Building Construction 2 (mo. 5)	Cranes	1	7.00	231	0.29
P7 Building Construction 1 (mo. 2-4)	Cranes	1	7.00	231	0.29
P7 Building Construction 2 (mo. 5)	Forklifts	3	8.00	89	0.20
P8 Building Construction 1 (mo. 2-4)	Forklifts	3	8.00	89	0.20
P8 Building Construction 2 (mo. 5)	Forklifts	3	8.00	89	0.20

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P9 Building Construction 1 (mo. 2-4)	Forklifts	3	8.00	89	0.20
P6 Building Construction 1 (mo. 2-4)	Forklifts	3	8.00	89	0.20
P9 Building Construction 2 (mo. 5)	Forklifts	3	8.00	89	0.20
P6 Building Construction 2 (mo. 5)	Forklifts	3	8.00	89	0.20
P7 Building Construction 1 (mo. 2-4)	Forklifts	3	8.00	89	0.20
P7 Building Construction 2 (mo. 5)	Generator Sets	1	8.00	84	0.74
P8 Building Construction 1 (mo. 2-4)	Generator Sets	1	8.00	84	0.74
P8 Building Construction 2 (mo. 5)	Generator Sets	1	8.00	84	0.74
P9 Building Construction 1 (mo. 2-4)	Generator Sets	1	8.00	84	0.74
P6 Building Construction 1 (mo. 2-4)	Generator Sets	1	8.00	84	0.74
P9 Building Construction 2 (mo. 5)	Generator Sets	1	8.00	84	0.74
P6 Building Construction 2 (mo. 5)	Generator Sets	1	8.00	84	0.74
P7 Building Construction 1 (mo. 2-4)	Generator Sets	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Rubber Tired Dozers	3	8.00	247	0.40
P8 Site Preparation (mo. 1)	Rubber Tired Dozers	3	8.00	247	0.40
P9 Site Preparation (mo. 1)	Rubber Tired Dozers	3	8.00	247	0.40
P7 Site Preparation (mo. 1)	Rubber Tired Dozers	3	8.00	247	0.40
P7 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
P8 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
P9 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
P6 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
P6 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P8 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P9 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P7 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P7 Building Construction 2 (mo. 5)	Welders	1	8.00	46	0.45
P8 Building Construction 1 (mo. 2-4)	Welders	1	8.00	46	0.45
P8 Building Construction 2 (mo. 5)	Welders	1	8.00	46	0.45
P9 Building Construction 1 (mo. 2-4)	Welders	1	8.00	46	0.45

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P6 Building Construction 1 (mo. 2-4)	Welders	1	8.00	46	0.45
P9 Building Construction 2 (mo. 5)	Welders	1	8.00	46	0.45
P6 Building Construction 2 (mo. 5)	Welders	1	8.00	46	0.45
P7 Building Construction 1 (mo. 2-4)	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P6 Site Preparation (mo. 1)	12	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2)	8	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	13	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	12	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2)	8	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	13	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	12	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2)	8	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	13	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	12	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2)	8	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	13	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 P6 Site Preparation (mo. 1) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1987	0.0000	0.1987	0.1092	0.0000	0.1092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0385	0.3874	0.3023	6.3000e-004		0.0169	0.0169		0.0156	0.0156	0.0000	55.1912	55.1912	0.0160	0.0000	55.5907
Total	0.0385	0.3874	0.3023	6.3000e-004	0.1987	0.0169	0.2156	0.1092	0.0156	0.1249	0.0000	55.1912	55.1912	0.0160	0.0000	55.5907

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0775	0.0000	0.0775	0.0426	0.0000	0.0426	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0385	0.3874	0.3023	6.3000e-004		0.0169	0.0169		0.0156	0.0156	0.0000	55.1911	55.1911	0.0160	0.0000	55.5906
Total	0.0385	0.3874	0.3023	6.3000e-004	0.0775	0.0169	0.0944	0.0426	0.0156	0.0582	0.0000	55.1911	55.1911	0.0160	0.0000	55.5906

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153

3.3 P6 Building Construction 1 (mo. 2-4) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413
Total	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3200e-003	7.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3447	0.3447	4.0000e-005	0.0000	0.3458
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3200e-003	7.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3447	0.3447	4.0000e-005	0.0000	0.3458

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413
Total	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3200e-003	7.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3447	0.3447	4.0000e-005	0.0000	0.3458
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3200e-003	7.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3447	0.3447	4.0000e-005	0.0000	0.3458

3.4 P6 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.2470					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6900e-003	0.0516	0.0814	1.3000e-004		2.3200e-003	2.3200e-003		2.3200e-003	2.3200e-003	0.0000	11.4896	11.4896	6.3000e-004	0.0000	11.5053
Total	9.2547	0.0516	0.0814	1.3000e-004		2.3200e-003	2.3200e-003		2.3200e-003	2.3200e-003	0.0000	11.4896	11.4896	6.3000e-004	0.0000	11.5053

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.5300e-003	9.7000e-004	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4701	0.4701	6.0000e-005	0.0000	0.4716
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.5300e-003	9.7000e-004	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4701	0.4701	6.0000e-005	0.0000	0.4716

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.2470					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6900e-003	0.0516	0.0814	1.3000e-004		2.3200e-003	2.3200e-003		2.3200e-003	2.3200e-003	0.0000	11.4896	11.4896	6.3000e-004	0.0000	11.5053
Total	9.2547	0.0516	0.0814	1.3000e-004		2.3200e-003	2.3200e-003		2.3200e-003	2.3200e-003	0.0000	11.4896	11.4896	6.3000e-004	0.0000	11.5053

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.5300e-003	9.7000e-004	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4701	0.4701	6.0000e-005	0.0000	0.4716
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.5300e-003	9.7000e-004	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4701	0.4701	6.0000e-005	0.0000	0.4716

3.5 P6 Building Construction 2 (mo. 5) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8308	31.8308	8.0400e-003	0.0000	32.0317
Total	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8308	31.8308	8.0400e-003	0.0000	32.0317

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0600e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1097	0.1097	1.0000e-005	0.0000	0.1100
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0600e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1097	0.1097	1.0000e-005	0.0000	0.1100

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8307	31.8307	8.0400e-003	0.0000	32.0317
Total	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8307	31.8307	8.0400e-003	0.0000	32.0317

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0600e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1097	0.1097	1.0000e-005	0.0000	0.1100
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0600e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1097	0.1097	1.0000e-005	0.0000	0.1100

3.6 P6 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	5.2800e-003	1.1300e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5484	0.5484	7.0000e-005	0.0000	0.5502
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	5.2800e-003	1.1300e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5484	0.5484	7.0000e-005	0.0000	0.5502

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	5.2800e-003	1.1300e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5484	0.5484	7.0000e-005	0.0000	0.5502
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	5.2800e-003	1.1300e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5484	0.5484	7.0000e-005	0.0000	0.5502

3.7 P7 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	5.2800e-003	1.1300e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5484	0.5484	7.0000e-005	0.0000	0.5502
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	5.2800e-003	1.1300e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5484	0.5484	7.0000e-005	0.0000	0.5502

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	5.2800e-003	1.1300e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5484	0.5484	7.0000e-005	0.0000	0.5502
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	5.2800e-003	1.1300e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5484	0.5484	7.0000e-005	0.0000	0.5502

3.8 P7 Site Preperation (mo. 1) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2046	0.0000	0.2046	0.1099	0.0000	0.1099	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0385	0.3874	0.3023	6.3000e-004		0.0169	0.0169		0.0156	0.0156	0.0000	55.1791	55.1791	0.0160	0.0000	55.5786
Total	0.0385	0.3874	0.3023	6.3000e-004	0.2046	0.0169	0.2214	0.1099	0.0156	0.1255	0.0000	55.1791	55.1791	0.0160	0.0000	55.5786

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2100e-003	4.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.2298	0.2298	3.0000e-005	0.0000	0.2306
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.2100e-003	4.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.2298	0.2298	3.0000e-005	0.0000	0.2306

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0798	0.0000	0.0798	0.0429	0.0000	0.0429	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0385	0.3874	0.3023	6.3000e-004		0.0169	0.0169		0.0156	0.0156	0.0000	55.1791	55.1791	0.0160	0.0000	55.5785
Total	0.0385	0.3874	0.3023	6.3000e-004	0.0798	0.0169	0.0967	0.0429	0.0156	0.0585	0.0000	55.1791	55.1791	0.0160	0.0000	55.5785

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2100e-003	4.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.2298	0.2298	3.0000e-005	0.0000	0.2306
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.2100e-003	4.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.2298	0.2298	3.0000e-005	0.0000	0.2306

3.9 P7 Building Construction 1 (mo. 2-4) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413
Total	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3200e-003	7.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3447	0.3447	4.0000e-005	0.0000	0.3458
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3200e-003	7.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3447	0.3447	4.0000e-005	0.0000	0.3458

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413
Total	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3200e-003	7.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3447	0.3447	4.0000e-005	0.0000	0.3458
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3200e-003	7.1000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3447	0.3447	4.0000e-005	0.0000	0.3458

3.10 P7 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.2470					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5200e-003	0.0504	0.0796	1.3000e-004		2.2700e-003	2.2700e-003		2.2700e-003	2.2700e-003	0.0000	11.2343	11.2343	6.1000e-004	0.0000	11.2496
Total	9.2546	0.0504	0.0796	1.3000e-004		2.2700e-003	2.2700e-003		2.2700e-003	2.2700e-003	0.0000	11.2343	11.2343	6.1000e-004	0.0000	11.2496

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4300e-003	9.5000e-004	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4596	0.4596	6.0000e-005	0.0000	0.4611
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.4300e-003	9.5000e-004	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4596	0.4596	6.0000e-005	0.0000	0.4611

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.2470					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5200e-003	0.0504	0.0796	1.3000e-004		2.2700e-003	2.2700e-003		2.2700e-003	2.2700e-003	0.0000	11.2343	11.2343	6.1000e-004	0.0000	11.2496
Total	9.2546	0.0504	0.0796	1.3000e-004		2.2700e-003	2.2700e-003		2.2700e-003	2.2700e-003	0.0000	11.2343	11.2343	6.1000e-004	0.0000	11.2496

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.4300e-003	9.5000e-004	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4596	0.4596	6.0000e-005	0.0000	0.4611
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.4300e-003	9.5000e-004	0.0000	1.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4596	0.4596	6.0000e-005	0.0000	0.4611

3.11 P7 Building Construction 2 (mo. 5) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8308	31.8308	8.0400e-003	0.0000	32.0317
Total	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8308	31.8308	8.0400e-003	0.0000	32.0317

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0500e-003	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1087	0.1087	1.0000e-005	0.0000	0.1090
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0500e-003	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1087	0.1087	1.0000e-005	0.0000	0.1090

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8307	31.8307	8.0400e-003	0.0000	32.0317
Total	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8307	31.8307	8.0400e-003	0.0000	32.0317

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0500e-003	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1087	0.1087	1.0000e-005	0.0000	0.1090
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0500e-003	2.2000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1087	0.1087	1.0000e-005	0.0000	0.1090

3.12 P8 Paving - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	5.2400e-003	1.1000e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5433	0.5433	7.0000e-005	0.0000	0.5450
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	5.2400e-003	1.1000e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5433	0.5433	7.0000e-005	0.0000	0.5450

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.6100e-003	0.0901	0.1531	2.4000e-004		4.3900e-003	4.3900e-003		4.0400e-003	4.0400e-003	0.0000	21.0202	21.0202	6.8000e-003	0.0000	21.1902

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	5.2400e-003	1.1000e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5433	0.5433	7.0000e-005	0.0000	0.5450
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	5.2400e-003	1.1000e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5433	0.5433	7.0000e-005	0.0000	0.5450

3.13 P8 Site Preperation (mo. 1) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1860	0.0000	0.1860	0.0999	0.0000	0.0999	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0350	0.3522	0.2748	5.7000e-004		0.0153	0.0153		0.0142	0.0142	0.0000	50.1629	50.1629	0.0145	0.0000	50.5260
Total	0.0350	0.3522	0.2748	5.7000e-004	0.1860	0.0153	0.2013	0.0999	0.0142	0.1141	0.0000	50.1629	50.1629	0.0145	0.0000	50.5260

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0000e-003	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1035	0.1035	1.0000e-005	0.0000	0.1038
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0000e-003	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1035	0.1035	1.0000e-005	0.0000	0.1038

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0725	0.0000	0.0725	0.0390	0.0000	0.0390	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0350	0.3522	0.2748	5.7000e-004		0.0153	0.0153		0.0142	0.0142	0.0000	50.1628	50.1628	0.0145	0.0000	50.5259
Total	0.0350	0.3522	0.2748	5.7000e-004	0.0725	0.0153	0.0879	0.0390	0.0142	0.0532	0.0000	50.1628	50.1628	0.0145	0.0000	50.5259

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0000e-003	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1035	0.1035	1.0000e-005	0.0000	0.1038
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0000e-003	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1035	0.1035	1.0000e-005	0.0000	0.1038

3.14 P8 Building Construction 1 (mo. 2-4) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413
Total	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3000e-003	6.9000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3415	0.3415	4.0000e-005	0.0000	0.3426
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3000e-003	6.9000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3415	0.3415	4.0000e-005	0.0000	0.3426

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413
Total	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3000e-003	6.9000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3415	0.3415	4.0000e-005	0.0000	0.3426
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3000e-003	6.9000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3415	0.3415	4.0000e-005	0.0000	0.3426

3.15 P8 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.2470					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3500e-003	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940
Total	9.2544	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	4.2900e-003	9.0000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4450	0.4450	6.0000e-005	0.0000	0.4464
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0000e-005	4.2900e-003	9.0000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4450	0.4450	6.0000e-005	0.0000	0.4464

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.2470					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3500e-003	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940
Total	9.2544	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	4.2900e-003	9.0000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4450	0.4450	6.0000e-005	0.0000	0.4464
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0000e-005	4.2900e-003	9.0000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4450	0.4450	6.0000e-005	0.0000	0.4464

3.16 P8 Building Construction 2 (mo. 5) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570
Total	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570
Total	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142

3.17 P9 Paving - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.4900e-003	1.1500e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5691	0.5691	7.0000e-005	0.0000	0.5709
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.0000e-004	5.4900e-003	1.1500e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5691	0.5691	7.0000e-005	0.0000	0.5709

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.4900e-003	1.1500e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5691	0.5691	7.0000e-005	0.0000	0.5709
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.0000e-004	5.4900e-003	1.1500e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5691	0.5691	7.0000e-005	0.0000	0.5709

3.18 P9 Site Preperation (mo. 1) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2046	0.0000	0.2046	0.1099	0.0000	0.1099	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0385	0.3874	0.3023	6.3000e-004		0.0169	0.0169		0.0156	0.0156	0.0000	55.1912	55.1912	0.0160	0.0000	55.5907
Total	0.0385	0.3874	0.3023	6.3000e-004	0.2046	0.0169	0.2214	0.1099	0.0156	0.1255	0.0000	55.1912	55.1912	0.0160	0.0000	55.5907

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0798	0.0000	0.0798	0.0429	0.0000	0.0429	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0385	0.3874	0.3023	6.3000e-004		0.0169	0.0169		0.0156	0.0156	0.0000	55.1911	55.1911	0.0160	0.0000	55.5906
Total	0.0385	0.3874	0.3023	6.3000e-004	0.0798	0.0169	0.0967	0.0429	0.0156	0.0585	0.0000	55.1911	55.1911	0.0160	0.0000	55.5906

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142

3.19 P9 Building Construction 1 (mo. 2-4) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0406	0.3765	0.4793	8.2000e-004		0.0155	0.0155		0.0146	0.0146	0.0000	70.7413	70.7413	0.0162	0.0000	71.1468
Total	0.0406	0.3765	0.4793	8.2000e-004		0.0155	0.0155		0.0146	0.0146	0.0000	70.7413	70.7413	0.0162	0.0000	71.1468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.2500e-003	6.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3363	0.3363	4.0000e-005	0.0000	0.3374
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.2500e-003	6.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3363	0.3363	4.0000e-005	0.0000	0.3374

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0406	0.3765	0.4793	8.2000e-004		0.0155	0.0155		0.0146	0.0146	0.0000	70.7412	70.7412	0.0162	0.0000	71.1467
Total	0.0406	0.3765	0.4793	8.2000e-004		0.0155	0.0155		0.0146	0.0146	0.0000	70.7412	70.7412	0.0162	0.0000	71.1467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.2500e-003	6.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3363	0.3363	4.0000e-005	0.0000	0.3374
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.2500e-003	6.8000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3363	0.3363	4.0000e-005	0.0000	0.3374

3.20 P9 Architectural Coating - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.2470					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3500e-003	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940
Total	9.2544	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	4.2900e-003	9.0000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4450	0.4450	6.0000e-005	0.0000	0.4464
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0000e-005	4.2900e-003	9.0000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4450	0.4450	6.0000e-005	0.0000	0.4464

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.2470					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.3500e-003	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940
Total	9.2544	0.0493	0.0778	1.3000e-004		2.2100e-003	2.2100e-003		2.2100e-003	2.2100e-003	0.0000	10.9790	10.9790	6.0000e-004	0.0000	10.9940

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	4.2900e-003	9.0000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4450	0.4450	6.0000e-005	0.0000	0.4464
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0000e-005	4.2900e-003	9.0000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.4450	0.4450	6.0000e-005	0.0000	0.4464

3.21 P9 Building Construction 2 (mo. 5) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570
Total	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570
Total	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1000e-003	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1138	0.1138	1.0000e-005	0.0000	0.1142

CalEEMod Version: CalEEMod.2016.3.1

Date: 1/9/2018 8:37 AM

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Woodstoves - Refer to CalEEMod Input Matrix Table 17

Area Coating - Refer to CalEEMod Input Matrix Table 19

Energy Use - Refer to CalEEMod Input Matrix Table 21

Construction Off-road Equipment Mitigation - Rule 55

Area Mitigation - Refer to CalEEMod Input Matrix Table 36

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
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tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	150
tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	17.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstructionPhase	NumDays	440.00	44.00
tblConstructionPhase	NumDays	440.00	43.00

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tblConstructionPhase	NumDays	440.00	43.00
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tblConstructionPhase	NumDays	240.00	21.00
tblConstructionPhase	NumDays	240.00	23.00

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tblGrading	AcresOfGrading	267.50	1,550.00
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tblLandUse	LandUseSquareFeet	225,000.00	591,125.00
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tblOffRoadEquipment	UsageHours	7.00	0.00

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[illegible]

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tblOffRoadEquipment	UsageHours	8.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	0.00
tblOnRoadDust	HaulingPercentPave	100.00	0.00

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[illegible]

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[illegible]

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[illegible]

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tblTripsAndVMT	VendorTripLength	7.30	0.15
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tblTripsAndVMT	VendorTripNumber	0.00	10.00
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tblTripsAndVMT	WorkerTripNumber	5.00	0.00

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tblTripsAndVMT	WorkerTripNumber	9.00	0.00
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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	2.4357	1.2529	1.2186	2.3400e-003	1.2176	0.0546	1.2722	0.2393	0.0507	0.2900	0.0000	204.7219	204.7219	0.0601	0.0000	206.2237
2024	2.6003	2.9000	2.7729	5.7300e-003	2.4102	0.1200	2.5301	0.4858	0.1108	0.5965	0.0000	502.9946	502.9946	0.1553	0.0000	506.8760
2025	4.7203	0.9440	1.3037	2.1800e-003	0.1294	0.0385	0.1679	0.0129	0.0362	0.0491	0.0000	190.0397	190.0397	0.0473	0.0000	191.2213
2026	2.3293	0.1622	0.2566	4.0000e-004	0.0291	5.8600e-003	0.0350	2.9100e-003	5.6400e-003	8.5400e-003	0.0000	35.0186	35.0186	7.2200e-003	0.0000	35.1991
Maximum	4.7203	2.9000	2.7729	5.7300e-003	2.4102	0.1200	2.5301	0.4858	0.1108	0.5965	0.0000	502.9946	502.9946	0.1553	0.0000	506.8760

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	2.3522	0.8504	1.4950	2.3400e-003	0.4806	5.1300e-003	0.4858	0.0939	5.1300e-003	0.0990	0.0000	204.7216	204.7216	0.0601	0.0000	206.2234
2024	2.4072	1.9936	3.5541	5.7300e-003	0.9810	0.0106	0.9916	0.1935	0.0106	0.2042	0.0000	502.9941	502.9941	0.1553	0.0000	506.8754
2025	4.6642	0.8946	1.4771	2.1800e-003	0.0555	6.6900e-003	0.0622	5.5400e-003	6.6900e-003	0.0122	0.0000	190.0394	190.0394	0.0473	0.0000	191.2210
2026	2.3200	0.1691	0.2715	4.0000e-004	0.0125	1.5600e-003	0.0140	1.2500e-003	1.5600e-003	2.8000e-003	0.0000	35.0186	35.0186	7.2200e-003	0.0000	35.1991
Maximum	4.6642	1.9936	3.5541	5.7300e-003	0.9810	0.0106	0.9916	0.1935	0.0106	0.2042	0.0000	502.9941	502.9941	0.1553	0.0000	506.8754

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	2.83	25.70	-22.44	0.00	59.60	89.03	61.21	60.29	88.18	66.29	0.00	0.00	0.00	0.00	0.00	0.00

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	10-1-2023	12-31-2023	1.3140	1.3031
2	1-1-2024	3-31-2024	1.1542	0.6300
3	4-1-2024	6-30-2024	1.1866	0.6889
4	7-1-2024	9-30-2024	0.2888	0.2301
5	10-1-2024	12-31-2024	2.6073	2.5924
6	1-1-2025	3-31-2025	1.4130	1.3670
7	4-1-2025	6-30-2025	1.4916	1.4608
8	7-1-2025	9-30-2025	2.5205	2.5141
9	10-1-2025	12-31-2025	0.3026	0.2775
10	1-1-2026	3-31-2026	2.5000	2.4976
		Highest	2.6073	2.5924

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.7346	0.1639	10.6089	0.0176		1.3626	1.3626		1.3626	1.3626	129.1197	55.6670	184.7867	0.1206	0.0102	190.8285
Energy	0.0192	0.1641	0.0698	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	400.0637	400.0637	0.0179	6.4300e-003	402.4276
Mobile	0.2471	1.0460	2.9741	0.0119	1.2701	8.4700e-003	1.2785	0.3400	7.8700e-003	0.3479	0.0000	1,100.5417	1,100.5417	0.0533	0.0000	1,101.8753
Waste						0.0000	0.0000		0.0000	0.0000	28.6299	0.0000	28.6299	1.6920	0.0000	70.9292
Water						0.0000	0.0000		0.0000	0.0000	2.5838	31.6241	34.2079	0.2675	6.7100e-003	42.8957
Total	11.0009	1.3739	13.6529	0.0305	1.2701	1.3844	2.6544	0.3400	1.3838	1.7237	160.3334	1,587.8965	1,748.2299	2.1514	0.0233	1,808.9562

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	10.7346	0.1639	10.6089	0.0176		1.3626	1.3626		1.3626	1.3626	129.1197	55.6670	184.7867	0.1206	0.0102	190.8285
Energy	0.0192	0.1641	0.0698	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	400.0637	400.0637	0.0179	6.4300e-003	402.4276
Mobile	0.2471	1.0460	2.9741	0.0119	1.2701	8.4700e-003	1.2785	0.3400	7.8700e-003	0.3479	0.0000	1,100.5417	1,100.5417	0.0533	0.0000	1,101.8753
Waste						0.0000	0.0000		0.0000	0.0000	7.1575	0.0000	7.1575	0.4230	0.0000	17.7323
Water						0.0000	0.0000		0.0000	0.0000	2.5838	31.6241	34.2079	0.2675	6.7100e-003	42.8957
Total	11.0009	1.3739	13.6529	0.0305	1.2701	1.3844	2.6544	0.3400	1.3838	1.7237	138.8610	1,587.8965	1,726.7575	0.8824	0.0233	1,755.7593

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.39	0.00	1.23	58.99	0.00	2.94

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation -1	Site Preparation	4/1/2023	4/30/2023	5	20	
2	Utilities -1	Site Preparation	5/1/2023	6/30/2023	5	45	
3	Grading -1	Grading	5/1/2023	5/30/2023	5	22	
4	P1 Paving	Paving	6/1/2023	6/30/2023	5	22	
5	P1 Site Preparation (mo. 1)	Site Preparation	7/1/2023	7/31/2023	5	21	
6	P1 Building Construction 1 (mo. 2-4)	Building Construction	8/1/2023	10/31/2023	5	66	
7	P1 Architectural Coating	Architectural Coating	9/1/2023	10/31/2023	5	43	
8	P1 Building Construction 2 (mo. 5)	Building Construction	11/1/2023	11/30/2023	5	22	
9	Site Preparation -2	Site Preparation	1/1/2024	1/31/2024	5	23	
10	Grading -2	Grading	2/1/2024	6/30/2024	5	107	
11	Utilities -2	Site Preparation	5/1/2024	9/30/2024	5	109	
12	P2 Paving	Paving	7/1/2024	7/31/2024	5	23	
13	P2 Site Preparation (mo. 1)	Site Preparation	8/1/2024	8/31/2024	5	22	
14	P2 Building Construction 1 (mo. 2-4)	Building Construction	9/1/2024	11/30/2024	5	65	
15	P2 Architectural Coating	Architectural Coating	10/1/2024	11/30/2024	5	44	
16	P2 Building Construction 2 (mo. 5)	Building Construction	12/1/2024	12/31/2024	5	22	
17	P3 Paving	Paving	12/1/2024	12/31/2024	5	22	
18	P3 Site Preparation (mo. 1)	Site Preparation	1/1/2025	1/31/2025	5	23	
19	P3 Building Construction 1 (mo. 2-4)	Building Construction	2/1/2025	4/30/2025	5	63	
20	P3 Architectural Coating	Architectural Coating	3/1/2025	4/30/2025	5	43	
21	P3 Building Construction 2 (mo. 5)	Building Construction	5/1/2025	5/31/2025	5	22	
22	P4 Paving	Paving	5/1/2025	5/31/2025	5	22	
23	P4 Site Preparation (mo. 1)	Site Preparation	6/1/2025	6/30/2025	5	21	
24	P4 Building Construction 1 (mo. 2-4)	Building Construction	7/1/2025	9/30/2025	5	66	
25	P4 Architectural Coating	Architectural Coating	8/1/2025	9/30/2025	5	43	

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26	P4 Building Construction 2 (mo. 5)	Building Construction	10/1/2025	10/31/2025	5	23	
27	P5 Paving	Paving	10/1/2025	10/31/2025	5	23	
28	P5 Site Preparation (mo. 1)	Site Preparation	11/1/2025	11/30/2025	5	20	
29	P5 Building Construction 1 (mo. 2,4)	Building Construction	12/1/2025	2/28/2026	5	65	
30	P5 Architectural Coating	Architectural Coating	1/1/2026	2/28/2026	5	42	
31	P5 Building Construction 2 (mo. 5)	Building Construction	3/1/2026	3/31/2026	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 1,197,028; Residential Outdoor: 399,009; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation -1	Other Construction Equipment	1	8.00	172	0.42
Site Preparation -1	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -1	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Utilities -1	Excavators	1	8.00	158	0.38
Utilities -1	Rubber Tired Dozers	0	8.00	247	0.40
Utilities -1	Rubber Tired Loaders	1	8.00	203	0.36
Utilities -1	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading -1	Excavators	2	8.00	158	0.38
Grading -1	Graders	1	8.00	187	0.41
Grading -1	Rubber Tired Dozers	1	8.00	247	0.40
Grading -1	Scrapers	2	8.00	367	0.48
Grading -1	Tractors/Loaders/Backhoes	2	8.00	97	0.37
P1 Paving	Pavers	2	8.00	130	0.42
P1 Paving	Paving Equipment	2	8.00	132	0.36
P1 Paving	Rollers	2	8.00	80	0.38
P1 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P1 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P1 Site Preparation (mo. 1)	Rubber Tired Dozers	0	8.00	247	0.40
P1 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P1 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	8.00	97	0.37
P1 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P1 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P1 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P1 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P1 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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P1 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P1 Architectural Coating	Air Compressors	2	8.00	78	0.48
P1 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P1 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P1 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P1 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P1 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P1 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P1 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P1 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
Site Preparation -2	Other Construction Equipment	1	8.00	172	0.42
Site Preparation -2	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation -2	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading -2	Excavators	2	8.00	158	0.38
Grading -2	Graders	1	8.00	187	0.41
Grading -2	Rubber Tired Dozers	1	8.00	247	0.40
Grading -2	Scrapers	2	8.00	367	0.48
Grading -2	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Utilities -2	Excavators	1	8.00	158	0.38
Utilities -2	Rubber Tired Dozers	0	0.00	247	0.40
Utilities -2	Rubber Tired Loaders	1	8.00	203	0.36
Utilities -2	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Paving	Pavers	2	8.00	130	0.42
P2 Paving	Paving Equipment	2	8.00	132	0.36
P2 Paving	Rollers	2	8.00	80	0.38
P2 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P2 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P2 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40

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P2 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P2 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P2 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P2 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P2 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P2 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P2 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P2 Architectural Coating	Air Compressors	2	8.00	78	0.48
P2 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P2 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P2 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P2 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P2 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P2 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P2 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P2 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P3 Paving	Pavers	2	8.00	130	0.42
P3 Paving	Paving Equipment	2	8.00	132	0.36
P3 Paving	Rollers	2	8.00	80	0.38
P3 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P3 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P3 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P3 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P3 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P3 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P3 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29

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P3 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P3 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P3 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	7.00	97	0.37
P3 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P3 Architectural Coating	Air Compressors	2	8.00	78	0.48
P3 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P3 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P3 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P3 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P3 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P3 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P3 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P3 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P4 Paving	Pavers	2	8.00	130	0.42
P4 Paving	Paving Equipment	2	8.00	132	0.36
P4 Paving	Rollers	2	8.00	80	0.38
P4 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P4 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P4 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P4 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P4 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P4 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P4 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P4 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P4 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P4 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37

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P4 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P4 Architectural Coating	Air Compressors	2	8.00	78	0.48
P4 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P4 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29
P4 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P4 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P4 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P4 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P4 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P4 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45
P5 Paving	Pavers	2	8.00	130	0.42
P5 Paving	Paving Equipment	2	8.00	132	0.36
P5 Paving	Rollers	2	8.00	80	0.38
P5 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P5 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P5 Site Preparation (mo. 1)	Rubber Tired Dozers	0	0.00	247	0.40
P5 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P5 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P5 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P5 Building Construction 1 (mo. 2-4)	Cranes	0	0.00	231	0.29
P5 Building Construction 1 (mo. 2-4)	Forklifts	0	0.00	89	0.20
P5 Building Construction 1 (mo. 2-4)	Generator Sets	0	0.00	84	0.74
P5 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P5 Building Construction 1 (mo. 2-4)	Welders	0	0.00	46	0.45
P5 Architectural Coating	Air Compressors	2	8.00	78	0.48
P5 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P5 Building Construction 2 (mo. 5)	Cranes	0	0.00	231	0.29

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P5 Building Construction 2 (mo. 5)	Forklifts	0	0.00	89	0.20
P5 Building Construction 2 (mo. 5)	Generator Sets	0	0.00	84	0.74
P5 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P5 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P5 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	0	0.00	97	0.37
P5 Building Construction 2 (mo. 5)	Welders	0	0.00	46	0.45

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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation -1	8	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Utilities -1	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Grading -1	8	0.00	4.00	232.00	10.80	0.15	0.50	LD_Mix	HDT_Mix	MHDT
P1 Paving	6	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Site Preparation (mo 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 1 (mo 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Architectural Coating	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P1 Building Construction 2 (mo 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation -2	8	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
Grading -2	8	0.00	4.00	2,731.00	10.80	0.15	0.50	LD_Mix	HDT_Mix	MHDT
Utilities -2	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Paving	6	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Site Preparation (mo 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 1 (mo 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P2 Building Construction 2 (mo 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Site Preparation (mo 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 1 (mo 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P3 Building Construction 2 (mo 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Site Preparation (mo 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 1 (mo 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P4 Building Construction 2 (mo 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT

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P5 Paving	6	0.00	10.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Site Preparation (mo. 1)	5	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 1 (mo. 2)	2	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Architectural Coating	2	0.00	4.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P5 Building Construction 2 (mo. 5)	4	0.00	2.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Site Preparation -1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1807	0.0000	0.1807	0.0993	0.0000	0.0993	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0301	0.3096	0.2225	4.4000e-004		0.0145	0.0145		0.0133	0.0133	0.0000	38.8780	38.8780	0.0126	0.0000	39.1924
Total	0.0301	0.3096	0.2225	4.4000e-004	0.1807	0.0145	0.1951	0.0993	0.0133	0.1126	0.0000	38.8780	38.8780	0.0126	0.0000	39.1924

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0700e-003	4.9000e-004	0.0000	7.8700e-003	0.0000	7.8700e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.2164	0.2164	3.0000e-005	0.0000	0.2171
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.0700e-003	4.9000e-004	0.0000	7.8700e-003	0.0000	7.8700e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.2164	0.2164	3.0000e-005	0.0000	0.2171

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0705	0.0000	0.0705	0.0387	0.0000	0.0387	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.7300e-003	0.1490	0.2767	4.4000e-004		7.2000e-004	7.2000e-004		7.2000e-004	7.2000e-004	0.0000	38.8780	38.8780	0.0126	0.0000	39.1923
Total	7.7300e-003	0.1490	0.2767	4.4000e-004	0.0705	7.2000e-004	0.0712	0.0387	7.2000e-004	0.0395	0.0000	38.8780	38.8780	0.0126	0.0000	39.1923

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.0700e-003	4.9000e-004	0.0000	3.3700e-003	0.0000	3.3700e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.2164	0.2164	3.0000e-005	0.0000	0.2171
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.0700e-003	4.9000e-004	0.0000	3.3700e-003	0.0000	3.3700e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.2164	0.2164	3.0000e-005	0.0000	0.2171

3.3 Utilities -1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.0946	0.1073	2.6000e-004		3.7100e-003	3.7100e-003		3.4100e-003	3.4100e-003	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7510
Total	0.0103	0.0946	0.1073	2.6000e-004	0.0000	3.7100e-003	3.7100e-003	0.0000	3.4100e-003	3.4100e-003	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7510

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.6500e-003	1.1000e-003	0.0000	0.0177	0.0000	0.0177	1.7700e-003	0.0000	1.7700e-003	0.0000	0.4868	0.4868	7.0000e-005	0.0000	0.4886
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	4.6500e-003	1.1000e-003	0.0000	0.0177	0.0000	0.0177	1.7700e-003	0.0000	1.7700e-003	0.0000	0.4868	0.4868	7.0000e-005	0.0000	0.4886

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7500e-003	0.0886	0.1636	2.6000e-004		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7509
Total	3.7500e-003	0.0886	0.1636	2.6000e-004	0.0000	4.2000e-004	4.2000e-004	0.0000	4.2000e-004	4.2000e-004	0.0000	22.5685	22.5685	7.3000e-003	0.0000	22.7509

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.6500e-003	1.1000e-003	0.0000	7.5900e-003	0.0000	7.5900e-003	7.6000e-004	0.0000	7.6000e-004	0.0000	0.4868	0.4868	7.0000e-005	0.0000	0.4886
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	4.6500e-003	1.1000e-003	0.0000	7.5900e-003	0.0000	7.5900e-003	7.6000e-004	0.0000	7.6000e-004	0.0000	0.4868	0.4868	7.0000e-005	0.0000	0.4886

3.4 Grading -1 - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8881	0.0000	0.8881	0.1252	0.0000	0.1252	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0365	0.3797	0.3086	6.8000e-004		0.0157	0.0157		0.0144	0.0144	0.0000	59.9887	59.9887	0.0194	0.0000	60.4738
Total	0.0365	0.3797	0.3086	6.8000e-004	0.8881	0.0157	0.9038	0.1252	0.0144	0.1396	0.0000	59.9887	59.9887	0.0194	0.0000	60.4738

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	3.1100e-003	1.5000e-003	0.0000	0.0760	0.0000	0.0760	7.5900e-003	0.0000	7.5900e-003	0.0000	0.2124	0.2124	2.0000e-005	0.0000	0.2128
Vendor	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.6000e-004	5.3800e-003	2.0400e-003	0.0000	0.0847	0.0000	0.0847	8.4500e-003	0.0000	8.4500e-003	0.0000	0.4504	0.4504	5.0000e-005	0.0000	0.4517

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3464	0.0000	0.3464	0.0488	0.0000	0.0488	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0111	0.2120	0.4040	6.8000e-004		1.1200e-003	1.1200e-003		1.1200e-003	1.1200e-003	0.0000	59.9887	59.9887	0.0194	0.0000	60.4737
Total	0.0111	0.2120	0.4040	6.8000e-004	0.3464	1.1200e-003	0.3475	0.0488	1.1200e-003	0.0499	0.0000	59.9887	59.9887	0.0194	0.0000	60.4737

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1000e-004	3.1100e-003	1.5000e-003	0.0000	0.0326	0.0000	0.0326	3.2600e-003	0.0000	3.2600e-003	0.0000	0.2124	0.2124	2.0000e-005	0.0000	0.2128
Vendor	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	3.7100e-003	0.0000	3.7100e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.6000e-004	5.3800e-003	2.0400e-003	0.0000	0.0363	0.0000	0.0363	3.6300e-003	0.0000	3.6300e-003	0.0000	0.4504	0.4504	5.0000e-005	0.0000	0.4517

3.5 P1 Paving - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0114	0.1121	0.1604	2.5000e-004		5.6100e-003	5.6100e-003		5.1600e-003	5.1600e-003	0.0000	22.0296	22.0296	7.1200e-003	0.0000	22.2077

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	8.6500e-003	0.0000	8.6500e-003	8.6000e-004	0.0000	8.6000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0295	22.0295	7.1200e-003	0.0000	22.2077

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	3.7100e-003	0.0000	3.7100e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	5.0000e-005	2.2700e-003	5.4000e-004	0.0000	3.7100e-003	0.0000	3.7100e-003	3.7000e-004	0.0000	3.7000e-004	0.0000	0.2380	0.2380	3.0000e-005	0.0000	0.2389

3.6 P1 Site Preparation (mo. 1) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0124	0.1247	0.1019	2.0000e-004		5.8100e-003	5.8100e-003		5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	0.0124	0.1247	0.1019	2.0000e-004	0.0000	5.8100e-003	5.8100e-003	0.0000	5.4700e-003	5.4700e-003	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0800e-003	2.6000e-004	0.0000	4.1300e-003	0.0000	4.1300e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.1136	0.1136	2.0000e-005	0.0000	0.1140
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0800e-003	2.6000e-004	0.0000	4.1300e-003	0.0000	4.1300e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.1136	0.1136	2.0000e-005	0.0000	0.1140

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7300e-003	0.0706	0.1227	2.0000e-004		7.6000e-004	7.6000e-004		7.6000e-004	7.6000e-004	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448
Total	3.7300e-003	0.0706	0.1227	2.0000e-004	0.0000	7.6000e-004	7.6000e-004	0.0000	7.6000e-004	7.6000e-004	0.0000	17.5467	17.5467	3.9200e-003	0.0000	17.6448

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0800e-003	2.6000e-004	0.0000	1.7700e-003	0.0000	1.7700e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.1136	0.1136	2.0000e-005	0.0000	0.1140
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0800e-003	2.6000e-004	0.0000	1.7700e-003	0.0000	1.7700e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.1136	0.1136	2.0000e-005	0.0000	0.1140

3.7 P1 Building Construction 1 (mo. 2-4) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	8.4900e-003	0.0969	0.1491	2.2000e-004		3.9900e-003	3.9900e-003		3.6700e-003	3.6700e-003	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	3.4100e-003	8.1000e-004	0.0000	0.0130	0.0000	0.0130	1.3000e-003	0.0000	1.3000e-003	0.0000	0.3570	0.3570	5.0000e-005	0.0000	0.3583
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0000e-005	3.4100e-003	8.1000e-004	0.0000	0.0130	0.0000	0.0130	1.3000e-003	0.0000	1.3000e-003	0.0000	0.3570	0.3570	5.0000e-005	0.0000	0.3583

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752
Total	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0214	19.0214	6.1500e-003	0.0000	19.1752

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	3.4100e-003	8.1000e-004	0.0000	5.5600e-003	0.0000	5.5700e-003	5.6000e-004	0.0000	5.6000e-004	0.0000	0.3570	0.3570	5.0000e-005	0.0000	0.3583
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.0000e-005	3.4100e-003	8.1000e-004	0.0000	5.5600e-003	0.0000	5.5700e-003	5.6000e-004	0.0000	5.6000e-004	0.0000	0.3570	0.3570	5.0000e-005	0.0000	0.3583

3.8 P1 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0110	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6387	14.6387	8.8000e-004	0.0000	14.6606
Total	2.3228	0.0747	0.1038	1.7000e-004		4.0600e-003	4.0600e-003		4.0600e-003	4.0600e-003	0.0000	14.6387	14.6387	8.8000e-004	0.0000	14.6606

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2200e-003	5.3000e-004	0.0000	8.4500e-003	0.0000	8.4600e-003	8.4000e-004	0.0000	8.5000e-004	0.0000	0.2326	0.2326	3.0000e-005	0.0000	0.2334
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.2200e-003	5.3000e-004	0.0000	8.4500e-003	0.0000	8.4600e-003	8.4000e-004	0.0000	8.5000e-004	0.0000	0.2326	0.2326	3.0000e-005	0.0000	0.2334

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.8000e-004	0.0000	14.6605
Total	2.3149	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.8000e-004	0.0000	14.6605

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.2200e-003	5.3000e-004	0.0000	3.6300e-003	0.0000	3.6300e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2326	0.2326	3.0000e-005	0.0000	0.2334
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.2200e-003	5.3000e-004	0.0000	3.6300e-003	0.0000	3.6300e-003	3.6000e-004	0.0000	3.6000e-004	0.0000	0.2326	0.2326	3.0000e-005	0.0000	0.2334

3.9 P1 Building Construction 2 (mo. 5) - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.2400e-003	0.0385	0.0590	9.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8971
Total	3.2400e-003	0.0385	0.0590	9.0000e-005		1.3000e-003	1.3000e-003		1.2000e-003	1.2000e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8971

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1400e-003	2.7000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1190	0.1190	2.0000e-005	0.0000	0.1194
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1400e-003	2.7000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1190	0.1190	2.0000e-005	0.0000	0.1194

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8970
Total	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8365	7.8365	2.4200e-003	0.0000	7.8970

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1400e-003	2.7000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1190	0.1190	2.0000e-005	0.0000	0.1194
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1400e-003	2.7000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1190	0.1190	2.0000e-005	0.0000	0.1194

3.10 Site Preparation -2 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2078	0.0000	0.2078	0.1142	0.0000	0.1142	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0344	0.3495	0.2570	5.1000e-004		0.0160	0.0160		0.0148	0.0148	0.0000	44.7169	44.7169	0.0145	0.0000	45.0784
Total	0.0344	0.3495	0.2570	5.1000e-004	0.2078	0.0160	0.2238	0.1142	0.0148	0.1290	0.0000	44.7169	44.7169	0.0145	0.0000	45.0784

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	9.0400e-003	0.0000	9.0500e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	9.0400e-003	0.0000	9.0500e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0810	0.0000	0.0810	0.0445	0.0000	0.0445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.8900e-003	0.1714	0.3183	5.1000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	44.7168	44.7168	0.0145	0.0000	45.0784
Total	8.8900e-003	0.1714	0.3183	5.1000e-004	0.0810	8.3000e-004	0.0819	0.0445	8.3000e-004	0.0454	0.0000	44.7168	44.7168	0.0145	0.0000	45.0784

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	3.8800e-003	0.0000	3.8800e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	3.8800e-003	0.0000	3.8800e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466

3.11 Grading -2 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1441	0.0000	1.1441	0.2658	0.0000	0.2658	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1722	1.7322	1.4832	3.3200e-003		0.0714	0.0714		0.0657	0.0657	0.0000	291.6795	291.6795	0.0943	0.0000	294.0378
Total	0.1722	1.7322	1.4832	3.3200e-003	1.1441	0.0714	1.2155	0.2658	0.0657	0.3316	0.0000	291.6795	291.6795	0.0943	0.0000	294.0378

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1600e-003	0.0367	0.0161	3.0000e-005	0.8949	1.0000e-005	0.8949	0.0894	1.0000e-005	0.0894	0.0000	2.4948	2.4948	1.7000e-004	0.0000	2.4990
Vendor	2.1000e-004	0.0110	2.4700e-003	1.0000e-005	0.0421	0.0000	0.0421	4.2000e-003	0.0000	4.2100e-003	0.0000	1.1433	1.1433	1.6000e-004	0.0000	1.1473
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.3700e-003	0.0477	0.0185	4.0000e-005	0.9370	1.0000e-005	0.9370	0.0936	1.0000e-005	0.0936	0.0000	3.6381	3.6381	3.3000e-004	0.0000	3.6463

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4462	0.0000	0.4462	0.1037	0.0000	0.1037	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0541	1.0310	1.9647	3.3200e-003		5.4300e-003	5.4300e-003		5.4300e-003	5.4300e-003	0.0000	291.6791	291.6791	0.0943	0.0000	294.0375
Total	0.0541	1.0310	1.9647	3.3200e-003	0.4462	5.4300e-003	0.4516	0.1037	5.4300e-003	0.1091	0.0000	291.6791	291.6791	0.0943	0.0000	294.0375

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1600e-003	0.0367	0.0161	3.0000e-005	0.3837	1.0000e-005	0.3837	0.0383	1.0000e-005	0.0383	0.0000	2.4948	2.4948	1.7000e-004	0.0000	2.4990
Vendor	2.1000e-004	0.0110	2.4700e-003	1.0000e-005	0.0180	0.0000	0.0180	1.8000e-003	0.0000	1.8100e-003	0.0000	1.1433	1.1433	1.6000e-004	0.0000	1.1473
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.3700e-003	0.0477	0.0185	4.0000e-005	0.4017	1.0000e-005	0.4017	0.0401	1.0000e-005	0.0401	0.0000	3.6381	3.6381	3.3000e-004	0.0000	3.6463

3.12 Utilities -2 - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.2033	0.2595	6.2000e-004		8.0100e-003	8.0100e-003		7.3700e-003	7.3700e-003	0.0000	54.6715	54.6715	0.0177	0.0000	55.1135
Total	0.0237	0.2033	0.2595	6.2000e-004	0.0000	8.0100e-003	8.0100e-003	0.0000	7.3700e-003	7.3700e-003	0.0000	54.6715	54.6715	0.0177	0.0000	55.1135

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	0.0112	2.5200e-003	1.0000e-005	0.0429	0.0000	0.0429	4.2800e-003	0.0000	4.2800e-003	0.0000	1.1647	1.1647	1.6000e-004	0.0000	1.1687
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.1000e-004	0.0112	2.5200e-003	1.0000e-005	0.0429	0.0000	0.0429	4.2800e-003	0.0000	4.2800e-003	0.0000	1.1647	1.1647	1.6000e-004	0.0000	1.1687

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.0800e-003	0.2147	0.3962	6.2000e-004		1.0200e-003	1.0200e-003		1.0200e-003	1.0200e-003	0.0000	54.6714	54.6714	0.0177	0.0000	55.1135
Total	9.0800e-003	0.2147	0.3962	6.2000e-004	0.0000	1.0200e-003	1.0200e-003	0.0000	1.0200e-003	1.0200e-003	0.0000	54.6714	54.6714	0.0177	0.0000	55.1135

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1000e-004	0.0112	2.5200e-003	1.0000e-005	0.0184	0.0000	0.0184	1.8400e-003	0.0000	1.8400e-003	0.0000	1.1647	1.1647	1.6000e-004	0.0000	1.1687
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.1000e-004	0.0112	2.5200e-003	1.0000e-005	0.0184	0.0000	0.0184	1.8400e-003	0.0000	1.8400e-003	0.0000	1.1647	1.1647	1.6000e-004	0.0000	1.1687

3.13 P2 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0114	0.1095	0.1682	2.6000e-004		5.3900e-003	5.3900e-003		4.9600e-003	4.9600e-003	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	9.0400e-003	0.0000	9.0500e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	9.0400e-003	0.0000	9.0500e-003	9.0000e-004	0.0000	9.0000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0305	23.0305	7.4500e-003	0.0000	23.2167

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	3.8800e-003	0.0000	3.8800e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.3500e-003	5.3000e-004	0.0000	3.8800e-003	0.0000	3.8800e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.2458	0.2458	3.0000e-005	0.0000	0.2466

3.14 P2 Site Preparation (mo. 1) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0123	0.1220	0.1063	2.1000e-004		5.6300e-003	5.6300e-003		5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	0.0123	0.1220	0.1063	2.1000e-004	0.0000	5.6300e-003	5.6300e-003	0.0000	5.2900e-003	5.2900e-003	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9100e-003	0.0740	0.1286	2.1000e-004		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816
Total	3.9100e-003	0.0740	0.1286	2.1000e-004	0.0000	8.0000e-004	8.0000e-004	0.0000	8.0000e-004	8.0000e-004	0.0000	18.3792	18.3792	4.1000e-003	0.0000	18.4816

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179

3.15 P2 Building Construction 1 (mo. 2-4) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7369	18.7369	6.0600e-003	0.0000	18.8884
Total	8.0100e-003	0.0910	0.1471	2.1000e-004		3.5000e-003	3.5000e-003		3.2200e-003	3.2200e-003	0.0000	18.7369	18.7369	6.0600e-003	0.0000	18.8884

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3300e-003	7.5000e-004	0.0000	0.0128	0.0000	0.0128	1.2800e-003	0.0000	1.2800e-003	0.0000	0.3473	0.3473	5.0000e-005	0.0000	0.3485
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3300e-003	7.5000e-004	0.0000	0.0128	0.0000	0.0128	1.2800e-003	0.0000	1.2800e-003	0.0000	0.3473	0.3473	5.0000e-005	0.0000	0.3485

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7368	18.7368	6.0600e-003	0.0000	18.8883
Total	4.7900e-003	0.0931	0.1610	2.1000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	18.7368	18.7368	6.0600e-003	0.0000	18.8883

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3300e-003	7.5000e-004	0.0000	5.4800e-003	0.0000	5.4800e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	0.3473	0.3473	5.0000e-005	0.0000	0.3485
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3300e-003	7.5000e-004	0.0000	5.4800e-003	0.0000	5.4800e-003	5.5000e-004	0.0000	5.5000e-004	0.0000	0.3473	0.3473	5.0000e-005	0.0000	0.3485

3.16 P2 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0106	0.0715	0.1062	1.7000e-004		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002
Total	2.3224	0.0715	0.1062	1.7000e-004		3.5700e-003	3.5700e-003		3.5700e-003	3.5700e-003	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.5000e-003	1.0200e-003	0.0000	0.0173	0.0000	0.0173	1.7300e-003	0.0000	1.7300e-003	0.0000	0.4702	0.4702	6.0000e-005	0.0000	0.4718
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	4.5000e-003	1.0200e-003	0.0000	0.0173	0.0000	0.0173	1.7300e-003	0.0000	1.7300e-003	0.0000	0.4702	0.4702	6.0000e-005	0.0000	0.4718

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.2000e-003	0.0622	0.1075	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002
Total	2.3150	0.0622	0.1075	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.9791	14.9791	8.4000e-004	0.0000	15.0002

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	4.5000e-003	1.0200e-003	0.0000	7.4200e-003	0.0000	7.4200e-003	7.4000e-004	0.0000	7.4000e-004	0.0000	0.4702	0.4702	6.0000e-005	0.0000	0.4718
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	9.0000e-005	4.5000e-003	1.0200e-003	0.0000	7.4200e-003	0.0000	7.4200e-003	7.4000e-004	0.0000	7.4000e-004	0.0000	0.4702	0.4702	6.0000e-005	0.0000	0.4718

3.17 P2 Building Construction 2 (mo. 5) - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	3.1400e-003	0.0371	0.0590	9.0000e-005		1.1900e-003	1.1900e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980
Total	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8374	7.8374	2.4200e-003	0.0000	7.8980

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1300e-003	2.5000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1175	0.1175	2.0000e-005	0.0000	0.1179

3.18 P3 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0109	0.1048	0.1609	2.5000e-004		5.1500e-003	5.1500e-003		4.7400e-003	4.7400e-003	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.6300e-003	1.2700e-003	1.0000e-005	0.0216	0.0000	0.0216	2.1600e-003	0.0000	2.1600e-003	0.0000	0.5877	0.5877	8.0000e-005	0.0000	0.5897
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.1000e-004	5.6300e-003	1.2700e-003	1.0000e-005	0.0216	0.0000	0.0216	2.1600e-003	0.0000	2.1600e-003	0.0000	0.5877	0.5877	8.0000e-005	0.0000	0.5897

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0292	22.0292	7.1200e-003	0.0000	22.2073

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.6300e-003	1.2700e-003	1.0000e-005	9.2700e-003	0.0000	9.2800e-003	9.3000e-004	0.0000	9.3000e-004	0.0000	0.5877	0.5877	8.0000e-005	0.0000	0.5897
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.1000e-004	5.6300e-003	1.2700e-003	1.0000e-005	9.2700e-003	0.0000	9.2800e-003	9.3000e-004	0.0000	9.3000e-004	0.0000	0.5877	0.5877	8.0000e-005	0.0000	0.5897

3.19 P3 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0118	0.1148	0.1100	2.2000e-004		5.1300e-003	5.1300e-003		4.8300e-003	4.8300e-003	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193
Total	0.0118	0.1148	0.1100	2.2000e-004	0.0000	5.1300e-003	5.1300e-003	0.0000	4.8300e-003	4.8300e-003	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.0900e-003	0.0773	0.1344	2.2000e-004		8.3000e-004	8.3000e-004		8.3000e-004	8.3000e-004	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193
Total	4.0900e-003	0.0773	0.1344	2.2000e-004	0.0000	8.3000e-004	8.3000e-004	0.0000	8.3000e-004	8.3000e-004	0.0000	19.2128	19.2128	4.2600e-003	0.0000	19.3193

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	1.9400e-003	0.0000	1.9400e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	1.9400e-003	0.0000	1.9400e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

3.20 P3 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.7000e-003	0.0773	0.1335	1.9000e-004		2.6300e-003	2.6300e-003		2.4200e-003	2.4200e-003	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273
Total	6.7000e-003	0.0773	0.1335	1.9000e-004		2.6300e-003	2.6300e-003		2.4200e-003	2.4200e-003	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.2000e-003	7.0000e-004	0.0000	0.0124	0.0000	0.0124	1.2400e-003	0.0000	1.2400e-003	0.0000	0.3327	0.3327	4.0000e-005	0.0000	0.3338
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.2000e-003	7.0000e-004	0.0000	0.0124	0.0000	0.0124	1.2400e-003	0.0000	1.2400e-003	0.0000	0.3327	0.3327	4.0000e-005	0.0000	0.3338

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.3600e-003	0.0849	0.1468	1.9000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273
Total	4.3600e-003	0.0849	0.1468	1.9000e-004		3.2000e-004	3.2000e-004		3.2000e-004	3.2000e-004	0.0000	17.0891	17.0891	5.5300e-003	0.0000	17.2273

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.2000e-003	7.0000e-004	0.0000	5.3100e-003	0.0000	5.3100e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.3327	0.3327	4.0000e-005	0.0000	0.3338
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.2000e-003	7.0000e-004	0.0000	5.3100e-003	0.0000	5.3100e-003	5.3000e-004	0.0000	5.3000e-004	0.0000	0.3327	0.3327	4.0000e-005	0.0000	0.3338

3.21 P3 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	2.3216	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0169	0.0000	0.0169	1.6900e-003	0.0000	1.6900e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0169	0.0000	0.0169	1.6900e-003	0.0000	1.6900e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	2.3149	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	7.2500e-003	0.0000	7.2500e-003	7.2000e-004	0.0000	7.3000e-004	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	7.2500e-003	0.0000	7.2500e-003	7.2000e-004	0.0000	7.3000e-004	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557

3.22 P3 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1200e-003	2.4000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1162	0.1162	2.0000e-005	0.0000	0.1166
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1200e-003	2.4000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1162	0.1162	2.0000e-005	0.0000	0.1166

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1200e-003	2.4000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1162	0.1162	2.0000e-005	0.0000	0.1166
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1200e-003	2.4000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1162	0.1162	2.0000e-005	0.0000	0.1166

3.23 P4 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0101	0.0944	0.1604	2.5000e-004		4.6000e-003	4.6000e-003		4.2400e-003	4.2400e-003	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.5800e-003	1.2200e-003	1.0000e-005	0.0216	0.0000	0.0216	2.1600e-003	0.0000	2.1600e-003	0.0000	0.5810	0.5810	8.0000e-005	0.0000	0.5829
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.0000e-004	5.5800e-003	1.2200e-003	1.0000e-005	0.0216	0.0000	0.0216	2.1600e-003	0.0000	2.1600e-003	0.0000	0.5810	0.5810	8.0000e-005	0.0000	0.5829

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.6700e-003	0.1104	0.1903	2.5000e-004		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	22.0212	22.0212	7.1200e-003	0.0000	22.1992

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-004	5.5800e-003	1.2200e-003	1.0000e-005	9.2700e-003	0.0000	9.2800e-003	9.3000e-004	0.0000	9.3000e-004	0.0000	0.5810	0.5810	8.0000e-005	0.0000	0.5829
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.0000e-004	5.5800e-003	1.2200e-003	1.0000e-005	9.2700e-003	0.0000	9.2800e-003	9.3000e-004	0.0000	9.3000e-004	0.0000	0.5810	0.5810	8.0000e-005	0.0000	0.5829

3.24 P4 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.1049	0.1004	2.0000e-004		4.6900e-003	4.6900e-003		4.4100e-003	4.4100e-003	0.0000	17.5422	17.5422	3.8900e-003	0.0000	17.6394
Total	0.0108	0.1049	0.1004	2.0000e-004	0.0000	4.6900e-003	4.6900e-003	0.0000	4.4100e-003	4.4100e-003	0.0000	17.5422	17.5422	3.8900e-003	0.0000	17.6394

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	4.1300e-003	0.0000	4.1300e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.1109	0.1109	1.0000e-005	0.0000	0.1113
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	4.1300e-003	0.0000	4.1300e-003	4.1000e-004	0.0000	4.1000e-004	0.0000	0.1109	0.1109	1.0000e-005	0.0000	0.1113

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7300e-003	0.0706	0.1227	2.0000e-004		7.6000e-004	7.6000e-004		7.6000e-004	7.6000e-004	0.0000	17.5421	17.5421	3.8900e-003	0.0000	17.6393
Total	3.7300e-003	0.0706	0.1227	2.0000e-004	0.0000	7.6000e-004	7.6000e-004	0.0000	7.6000e-004	7.6000e-004	0.0000	17.5421	17.5421	3.8900e-003	0.0000	17.6393

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	1.7700e-003	0.0000	1.7700e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.1109	0.1109	1.0000e-005	0.0000	0.1113
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0700e-003	2.3000e-004	0.0000	1.7700e-003	0.0000	1.7700e-003	1.8000e-004	0.0000	1.8000e-004	0.0000	0.1109	0.1109	1.0000e-005	0.0000	0.1113

3.25 P4 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	7.5600e-003	0.0864	0.1490	2.2000e-004		2.9800e-003	2.9800e-003		2.7400e-003	2.7400e-003	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3500e-003	7.3000e-004	0.0000	0.0130	0.0000	0.0130	1.3000e-003	0.0000	1.3000e-003	0.0000	0.3486	0.3486	5.0000e-005	0.0000	0.3497
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3500e-003	7.3000e-004	0.0000	0.0130	0.0000	0.0130	1.3000e-003	0.0000	1.3000e-003	0.0000	0.3486	0.3486	5.0000e-005	0.0000	0.3497

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871
Total	4.8600e-003	0.0945	0.1634	2.2000e-004		3.5000e-004	3.5000e-004		3.5000e-004	3.5000e-004	0.0000	19.0332	19.0332	6.1600e-003	0.0000	19.1871

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	3.3500e-003	7.3000e-004	0.0000	5.5600e-003	0.0000	5.5700e-003	5.6000e-004	0.0000	5.6000e-004	0.0000	0.3486	0.3486	5.0000e-005	0.0000	0.3497
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	6.0000e-005	3.3500e-003	7.3000e-004	0.0000	5.5600e-003	0.0000	5.5700e-003	5.6000e-004	0.0000	5.6000e-004	0.0000	0.3486	0.3486	5.0000e-005	0.0000	0.3497

3.26 P4 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.8000e-003	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586
Total	2.3216	0.0657	0.1037	1.7000e-004		2.9500e-003	2.9500e-003		2.9500e-003	2.9500e-003	0.0000	14.6387	14.6387	8.0000e-004	0.0000	14.6586

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0169	0.0000	0.0169	1.6900e-003	0.0000	1.6900e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	0.0169	0.0000	0.0169	1.6900e-003	0.0000	1.6900e-003	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.1200e-003	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586
Total	2.3149	0.0608	0.1051	1.7000e-004		2.3000e-004	2.3000e-004		2.3000e-004	2.3000e-004	0.0000	14.6386	14.6386	8.0000e-004	0.0000	14.6586

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	7.2500e-003	0.0000	7.2500e-003	7.2000e-004	0.0000	7.3000e-004	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.3600e-003	9.5000e-004	0.0000	7.2500e-003	0.0000	7.2500e-003	7.2000e-004	0.0000	7.3000e-004	0.0000	0.4542	0.4542	6.0000e-005	0.0000	0.4557

3.27 P4 Building Construction 2 (mo. 5) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	3.1500e-003	0.0372	0.0616	1.0000e-004		1.1300e-003	1.1300e-003		1.0500e-003	1.0500e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.0600e-003	0.0441	0.0661	1.0000e-004		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549
Total	2.0600e-003	0.0441	0.0661	1.0000e-004		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	8.1915	8.1915	2.5300e-003	0.0000	8.2549

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	1.9400e-003	0.0000	1.9400e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	1.9400e-003	0.0000	1.9400e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

3.28 P5 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0105	0.0987	0.1677	2.6000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0105	0.0987	0.1677	2.6000e-004		4.8100e-003	4.8100e-003		4.4300e-003	4.4300e-003	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8300e-003	1.2800e-003	1.0000e-005	0.0226	0.0000	0.0226	2.2600e-003	0.0000	2.2600e-003	0.0000	0.6074	0.6074	8.0000e-005	0.0000	0.6094
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.1000e-004	5.8300e-003	1.2800e-003	1.0000e-005	0.0226	0.0000	0.0226	2.2600e-003	0.0000	2.2600e-003	0.0000	0.6074	0.6074	8.0000e-005	0.0000	0.6094

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.8400e-003	0.1155	0.1989	2.6000e-004		4.3000e-004	4.3000e-004		4.3000e-004	4.3000e-004	0.0000	23.0221	23.0221	7.4500e-003	0.0000	23.2083

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-004	5.8300e-003	1.2800e-003	1.0000e-005	9.7000e-003	0.0000	9.7000e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	0.6074	0.6074	8.0000e-005	0.0000	0.6094
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.1000e-004	5.8300e-003	1.2800e-003	1.0000e-005	9.7000e-003	0.0000	9.7000e-003	9.7000e-004	0.0000	9.7000e-004	0.0000	0.6074	0.6074	8.0000e-005	0.0000	0.6094

3.29 P5 Site Preparation (mo. 1) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0103	0.0999	0.0957	1.9000e-004		4.4600e-003	4.4600e-003		4.2000e-003	4.2000e-003	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994
Total	0.0103	0.0999	0.0957	1.9000e-004	0.0000	4.4600e-003	4.4600e-003	0.0000	4.2000e-003	4.2000e-003	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.2000e-004	0.0000	3.9300e-003	0.0000	3.9300e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.1056	0.1056	1.0000e-005	0.0000	0.1060
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0100e-003	2.2000e-004	0.0000	3.9300e-003	0.0000	3.9300e-003	3.9000e-004	0.0000	3.9000e-004	0.0000	0.1056	0.1056	1.0000e-005	0.0000	0.1060

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.5500e-003	0.0673	0.1169	1.9000e-004		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994
Total	3.5500e-003	0.0673	0.1169	1.9000e-004	0.0000	7.3000e-004	7.3000e-004	0.0000	7.3000e-004	7.3000e-004	0.0000	16.7068	16.7068	3.7000e-003	0.0000	16.7994

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.0100e-003	2.2000e-004	0.0000	1.6900e-003	0.0000	1.6900e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.1056	0.1056	1.0000e-005	0.0000	0.1060
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.0100e-003	2.2000e-004	0.0000	1.6900e-003	0.0000	1.6900e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.1056	0.1056	1.0000e-005	0.0000	0.1060

3.30 P5 Building Construction 1 (mo. 2-4) - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.6300e-003	0.0301	0.0519	8.0000e-005		1.0400e-003	1.0400e-003		9.5000e-004	9.5000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864
Total	2.6300e-003	0.0301	0.0519	8.0000e-005		1.0400e-003	1.0400e-003		9.5000e-004	9.5000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	4.5200e-003	0.0000	4.5200e-003	4.5000e-004	0.0000	4.5000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.6900e-003	0.0329	0.0570	8.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864
Total	1.6900e-003	0.0329	0.0570	8.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	6.6328	6.6328	2.1500e-003	0.0000	6.6864

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	1.9400e-003	0.0000	1.9400e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1700e-003	2.6000e-004	0.0000	1.9400e-003	0.0000	1.9400e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1215	0.1215	2.0000e-005	0.0000	0.1219

3.30 P5 Building Construction 1 (mo. 2-4) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8100e-003	0.0550	0.0948	1.4000e-004		1.8900e-003	1.8900e-003		1.7400e-003	1.7400e-003	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100
Total	4.8100e-003	0.0550	0.0948	1.4000e-004		1.8900e-003	1.8900e-003		1.7400e-003	1.7400e-003	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	8.2600e-003	0.0000	8.2600e-003	8.2000e-004	0.0000	8.3000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0900e-003	0.0602	0.1040	1.4000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100
Total	3.0900e-003	0.0602	0.1040	1.4000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	12.1120	12.1120	3.9200e-003	0.0000	12.2100

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	3.5400e-003	0.0000	3.5400e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	4.0000e-005	2.1100e-003	4.5000e-004	0.0000	3.5400e-003	0.0000	3.5400e-003	3.5000e-004	0.0000	3.5000e-004	0.0000	0.2194	0.2194	3.0000e-005	0.0000	0.2201

3.31 P5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.5700e-003	0.0642	0.1013	1.7000e-004		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177
Total	2.3213	0.0642	0.1013	1.7000e-004		2.8800e-003	2.8800e-003		2.8800e-003	2.8800e-003	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.2300e-003	9.0000e-004	0.0000	0.0165	0.0000	0.0165	1.6500e-003	0.0000	1.6500e-003	0.0000	0.4387	0.4387	6.0000e-005	0.0000	0.4401
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.2300e-003	9.0000e-004	0.0000	0.0165	0.0000	0.0165	1.6500e-003	0.0000	1.6500e-003	0.0000	0.4387	0.4387	6.0000e-005	0.0000	0.4401

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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3118					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.0500e-003	0.0594	0.1026	1.7000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177
Total	2.3148	0.0594	0.1026	1.7000e-004		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	14.2982	14.2982	7.8000e-004	0.0000	14.3177

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	4.2300e-003	9.0000e-004	0.0000	7.0800e-003	0.0000	7.0800e-003	7.1000e-004	0.0000	7.1000e-004	0.0000	0.4387	0.4387	6.0000e-005	0.0000	0.4401
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	8.0000e-005	4.2300e-003	9.0000e-004	0.0000	7.0800e-003	0.0000	7.0800e-003	7.1000e-004	0.0000	7.1000e-004	0.0000	0.4387	0.4387	6.0000e-005	0.0000	0.4401

3.32 P5 Building Construction 2 (mo. 5) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	3.0200e-003	0.0356	0.0589	9.0000e-005		1.0800e-003	1.0800e-003		1.0100e-003	1.0100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	4.3300e-003	0.0000	4.3300e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960
Total	1.9700e-003	0.0422	0.0632	9.0000e-005		1.1100e-003	1.1100e-003		1.1100e-003	1.1100e-003	0.0000	7.8354	7.8354	2.4200e-003	0.0000	7.8960

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	2.0000e-005	1.1100e-003	2.4000e-004	0.0000	1.8500e-003	0.0000	1.8600e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.1149	0.1149	1.0000e-005	0.0000	0.1153

CalEEMod Version: CalEEMod.2016.3.1

Date: 1/9/2018 8:00 AM

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1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Single Family Housing	125.00	Dwelling Unit	368.00	591,125.00	344

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.6	Precipitation Freq (Days)	40
Climate Zone	13			Operational Year	2028
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MW hr)	427.49	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Refer to CalEEMod Input Matrix Table 2

Land Use - Refer to CalEEMod Input Matrix Table 4

Construction Phase - Refer to CalEEMod Input Matrix Table 5

Off-road Equipment - Refer to CalEEMod Input Matrix Table 6

Trips and VMT - Refer to CalEEMod Input Matrix Table 9

Architectural Coating - Refer to CalEEMod Input Matrix Table 11

Vehicle Trips - Refer to CalEEMod Input Matrix Table 12

Woodstoves - No wood stoves or fireplaces.

Energy Use - Based on energy study.

Construction Off-road Equipment Mitigation - refer to input table

Waste Mitigation - Waste diversion in accordance with AB 939.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Parking	250.00	0.00
tblArchitecturalCoating	EF_Parking	250.00	0.00
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tblArchitecturalCoating	EF_Parking	250.00	0
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
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tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	0.5
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstructionPhase	NumDays	6,200.00	65.00
tblConstructionPhase	NumDays	6,200.00	66.00
tblConstructionPhase	NumDays	6,200.00	22.00
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tblFireplaces	FireplaceWoodMass	3,078.40	0.00

[illegible]

h[illegible]

tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
tblOnRoadDust	VendorPercentPave	100.00	0.00
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tblOnRoadDust	WorkerPercentPave	100.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	427.49
tblProjectCharacteristics	OperationalYear	2018	2028
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15

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tblTripsAndVMT	VendorTripLength	7.30	0.15
tblTripsAndVMT	VendorTripLength	7.30	0.15
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tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	9.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00

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tblTripsAndVMT	WorkerTripNumber	9.00	0.00
tblTripsAndVMT	WorkerTripNumber	45.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
tblTripsAndVMT	WorkerTripNumber	15.00	0.00
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tblWoodstoves	NumberCatalytic	6.25	0.00
tblWoodstoves	NumberNoncatalytic	6.25	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	4.8356	2.0365	2.2807	4.1000e-003	0.5930	0.0851	0.6781	0.2380	0.0797	0.3177	0.0000	355.8309	355.8309	0.0884	0.0000	358.0420
2027	4.8677	2.3555	2.7220	4.8200e-003	0.6299	0.0972	0.7270	0.2336	0.0910	0.3246	0.0000	418.0507	418.0507	0.1040	0.0000	420.6512
Maximum	4.8677	2.3555	2.7220	4.8200e-003	0.6299	0.0972	0.7270	0.2380	0.0910	0.3246	0.0000	418.0507	418.0507	0.1040	0.0000	420.6512

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	4.7946	2.0093	2.4146	4.1000e-003	0.2389	0.0616	0.3004	0.0936	0.0578	0.1514	0.0000	355.8305	355.8305	0.0884	0.0000	358.0416
2027	4.8250	2.3457	2.8643	4.8200e-003	0.2554	0.0737	0.3291	0.0921	0.0694	0.1615	0.0000	418.0503	418.0503	0.1040	0.0000	420.6508
Maximum	4.8250	2.3457	2.8643	4.8200e-003	0.2554	0.0737	0.3291	0.0936	0.0694	0.1615	0.0000	418.0503	418.0503	0.1040	0.0000	420.6508

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.86	0.84	-5.52	0.00	59.59	25.77	55.20	60.63	25.48	51.29	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
11	4-1-2026	6-30-2026	0.2942	0.2986
12	7-1-2026	9-30-2026	0.9742	0.9588
13	10-1-2026	12-31-2026	2.7899	2.7877
14	1-1-2027	3-31-2027	0.8410	0.8188
15	4-1-2027	6-30-2027	2.9887	2.9989
16	7-1-2027	9-30-2027	1.9031	1.8593
		Highest	2.9887	2.9989

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.2667	0.0574	0.9472	3.5000e-004		8.9300e-003	8.9300e-003		8.9300e-003	8.9300e-003	0.0000	55.6670	55.6670	2.4900e-003	9.9000e-004	56.0251
Energy	0.0192	0.1641	0.0698	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	400.0637	400.0637	0.0179	6.4300e-003	402.4276
Mobile	0.2471	1.0460	2.9741	0.0119	1.2701	8.4700e-003	1.2785	0.3400	7.8700e-003	0.3479	0.0000	1,100.5417	1,100.5417	0.0533	0.0000	1,101.8753
Waste						0.0000	0.0000		0.0000	0.0000	28.6299	0.0000	28.6299	1.6920	0.0000	70.9292
Water						0.0000	0.0000		0.0000	0.0000	2.5838	31.6241	34.2079	0.2675	6.7100e-003	42.8957
Total	3.5330	1.2675	3.9911	0.0133	1.2701	0.0307	1.3007	0.3400	0.0301	0.3701	31.2137	1,587.8965	1,619.1102	2.0332	0.0141	1,674.1529

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.2667	0.0574	0.9472	3.5000e-004		8.9300e-003	8.9300e-003		8.9300e-003	8.9300e-003	0.0000	55.6670	55.6670	2.4900e-003	9.9000e-004	56.0251
Energy	0.0192	0.1641	0.0698	1.0500e-003		0.0133	0.0133		0.0133	0.0133	0.0000	400.0637	400.0637	0.0179	6.4300e-003	402.4276
Mobile	0.2471	1.0460	2.9741	0.0119	1.2701	8.4700e-003	1.2785	0.3400	7.8700e-003	0.3479	0.0000	1,100.5417	1,100.5417	0.0533	0.0000	1,101.8753
Waste						0.0000	0.0000		0.0000	0.0000	7.1575	0.0000	7.1575	0.4230	0.0000	17.7323
Water						0.0000	0.0000		0.0000	0.0000	2.0670	25.2993	27.3663	0.2140	5.3700e-003	34.3165
Total	3.5330	1.2675	3.9911	0.0133	1.2701	0.0307	1.3007	0.3400	0.0301	0.3701	9.2245	1,581.5717	1,590.7962	0.7107	0.0128	1,612.3768

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.45	0.40	1.75	65.04	9.48	3.69

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	P6 Site Preparation (mo. 1)	Site Preparation	4/1/2026	4/30/2026	5	22	
2	P6 Building Construction 1 (mo. 2, 4)	Building Construction	5/1/2026	7/31/2026	5	66	
3	P6 Architectural Coating	Architectural Coating	6/1/2026	7/31/2026	5	45	
4	P6 Building Construction 2 (mo. 5)	Building Construction	8/1/2026	8/31/2026	5	21	
5	P6 Paving	Paving	8/1/2026	8/31/2026	5	21	
6	P7 Paving	Paving	8/1/2026	8/31/2026	5	21	
7	P7 Site Preparation (mo. 1)	Site Preparation	9/1/2026	9/30/2026	5	22	
8	P7 Building Construction 1 (mo. 2, 4)	Building Construction	10/1/2026	12/31/2026	5	66	
9	P7 Architectural Coating	Architectural Coating	11/1/2026	12/31/2026	5	44	
10	P7 Building Construction 2 (mo. 5)	Building Construction	1/1/2027	1/31/2027	5	21	
11	P8 Paving	Paving	1/1/2027	1/31/2027	5	21	
12	P8 Site Preparation (mo. 1)	Site Preparation	2/1/2027	2/28/2027	5	20	
13	P8 Building Construction 1 (mo. 2, 4)	Building Construction	3/1/2027	5/31/2027	5	66	
14	P8 Architectural Coating	Architectural Coating	4/1/2027	5/31/2027	5	43	
15	P8 Building Construction 2 (mo. 5)	Building Construction	6/1/2027	6/30/2027	5	22	
16	P9 Paving	Paving	6/1/2027	6/30/2027	5	22	
17	P9 Site Preparation (mo. 1)	Site Preparation	7/1/2027	7/31/2027	5	22	
18	P9 Building Construction 1 (mo. 2, 4)	Building Construction	8/1/2027	10/31/2027	5	65	
19	P9 Architectural Coating	Architectural Coating	9/1/2027	10/31/2027	5	43	
20	P9 Building Construction 2 (mo. 5)	Building Construction	11/1/2027	11/30/2027	5	22	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 1,197,028; Residential Outdoor: 399,009; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
P6 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P6 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P6 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P6 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P6 Architectural Coating	Air Compressors	2	6.00	78	0.48
P6 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P6 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P6 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P6 Paving	Pavers	2	8.00	130	0.42
P6 Paving	Paving Equipment	2	8.00	132	0.36
P6 Paving	Rollers	2	8.00	80	0.38
P7 Paving	Pavers	2	8.00	130	0.42
P7 Paving	Paving Equipment	2	8.00	132	0.36
P7 Paving	Rollers	2	8.00	80	0.38
P7 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P7 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P7 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P7 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P7 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P7 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P7 Architectural Coating	Air Compressors	2	6.00	78	0.48
P7 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P7 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40

P7 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P8 Paving	Pavers	2	8.00	130	0.42
P8 Paving	Paving Equipment	2	8.00	132	0.36
P8 Paving	Rollers	2	8.00	80	0.38
P8 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P8 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P8 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P8 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P8 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P8 Architectural Coating	Air Compressors	2	6.00	78	0.48
P8 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P8 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P8 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37
P9 Paving	Pavers	2	8.00	130	0.42
P9 Paving	Paving Equipment	2	8.00	132	0.36
P9 Paving	Rollers	2	8.00	80	0.38
P9 Site Preparation (mo. 1)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Site Preparation (mo. 1)	Graders	1	8.00	187	0.41
P9 Site Preparation (mo. 1)	Pumps	1	8.00	84	0.74
P9 Site Preparation (mo. 1)	Skid Steer Loaders	1	8.00	65	0.37
P9 Site Preparation (mo. 1)	Trenchers	1	8.00	78	0.50
P9 Building Construction 1 (mo. 2-4)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 1 (mo. 2-4)	Tractors/Loaders/Backhoes	1	8.00	97	0.37
P9 Architectural Coating	Air Compressors	2	6.00	78	0.48
P9 Building Construction 2 (mo. 5)	Cement and Mortar Mixers	1	8.00	9	0.56
P9 Building Construction 2 (mo. 5)	Rough Terrain Forklifts	1	8.00	100	0.40
P9 Building Construction 2 (mo. 5)	Skid Steer Loaders	2	8.00	65	0.37

P7 Building Construction 2 (mo. 5)	Cranes	1	7.00	231	0.29
P8 Building Construction 1 (mo. 2-4)	Cranes	1	7.00	231	0.29
P8 Building Construction 2 (mo. 5)	Cranes	1	7.00	231	0.29
P9 Building Construction 1 (mo. 2-4)	Cranes	1	7.00	231	0.29
P6 Building Construction 1 (mo. 2-4)	Cranes	1	7.00	231	0.29
P9 Building Construction 2 (mo. 5)	Cranes	1	7.00	231	0.29
P6 Building Construction 2 (mo. 5)	Cranes	1	7.00	231	0.29
P7 Building Construction 1 (mo. 2-4)	Cranes	1	7.00	231	0.29
P7 Building Construction 2 (mo. 5)	Forklifts	3	8.00	89	0.20
P8 Building Construction 1 (mo. 2-4)	Forklifts	3	8.00	89	0.20
P8 Building Construction 2 (mo. 5)	Forklifts	3	8.00	89	0.20
P9 Building Construction 1 (mo. 2-4)	Forklifts	3	8.00	89	0.20
P6 Building Construction 1 (mo. 2-4)	Forklifts	3	8.00	89	0.20
P9 Building Construction 2 (mo. 5)	Forklifts	3	8.00	89	0.20
P6 Building Construction 2 (mo. 5)	Forklifts	3	8.00	89	0.20
P7 Building Construction 1 (mo. 2-4)	Forklifts	3	8.00	89	0.20
P7 Building Construction 2 (mo. 5)	Generator Sets	1	8.00	84	0.74
P8 Building Construction 1 (mo. 2-4)	Generator Sets	1	8.00	84	0.74
P8 Building Construction 2 (mo. 5)	Generator Sets	1	8.00	84	0.74
P9 Building Construction 1 (mo. 2-4)	Generator Sets	1	8.00	84	0.74
P6 Building Construction 1 (mo. 2-4)	Generator Sets	1	8.00	84	0.74
P9 Building Construction 2 (mo. 5)	Generator Sets	1	8.00	84	0.74
P6 Building Construction 2 (mo. 5)	Generator Sets	1	8.00	84	0.74
P7 Building Construction 1 (mo. 2-4)	Generator Sets	1	8.00	84	0.74
P6 Site Preparation (mo. 1)	Rubber Tired Dozers	3	8.00	247	0.40
P8 Site Preparation (mo. 1)	Rubber Tired Dozers	3	8.00	247	0.40
P9 Site Preparation (mo. 1)	Rubber Tired Dozers	3	8.00	247	0.40
P7 Site Preparation (mo. 1)	Rubber Tired Dozers	3	8.00	247	0.40
P7 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	3	7.00	97	0.37

P8 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
P9 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
P6 Building Construction 2 (mo. 5)	Tractors/Loaders/Backhoes	3	7.00	97	0.37
P6 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P8 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P9 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P7 Site Preparation (mo. 1)	Tractors/Loaders/Backhoes	4	8.00	97	0.37
P7 Building Construction 2 (mo. 5)	Welders	1	8.00	46	0.45
P8 Building Construction 1 (mo. 2-4)	Welders	1	8.00	46	0.45
P8 Building Construction 2 (mo. 5)	Welders	1	8.00	46	0.45
P9 Building Construction 1 (mo. 2-4)	Welders	1	8.00	46	0.45
P6 Building Construction 1 (mo. 2-4)	Welders	1	8.00	46	0.45
P9 Building Construction 2 (mo. 5)	Welders	1	8.00	46	0.45
P6 Building Construction 2 (mo. 5)	Welders	1	8.00	46	0.45
P7 Building Construction 1 (mo. 2-4)	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
P6 Site Preparation (mo. 1)	12	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 1 (mo. 2)	8	0.00	13.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Architectural Coating	2	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Building Construction 2 (mo. 5)	13	0.00	13.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P6 Paving	6	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Paving	6	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Site Preparation (mo. 1)	12	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 1 (mo. 2)	8	0.00	13.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Architectural Coating	2	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P7 Building Construction 2 (mo. 5)	13	0.00	13.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Paving	6	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Site Preparation (mo. 1)	12	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 1 (mo. 2)	8	0.00	13.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Architectural Coating	2	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P8 Building Construction 2 (mo. 5)	13	0.00	13.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Paving	6	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Site Preparation (mo. 1)	12	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 1 (mo. 2)	8	0.00	13.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Architectural Coating	2	0.00	0.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT
P9 Building Construction 2 (mo. 5)	13	0.00	13.00	0.00	10.80	0.15	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

[illegible]

3.3 P6 Building Construction 1 (mo. 2-4) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413
Total	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8000e-004	0.0216	4.6100e-003	2.0000e-005	0.0844	1.0000e-005	0.0844	8.4300e-003	1.0000e-005	8.4300e-003	0.0000	2.2406	2.2406	2.9000e-004	0.0000	2.2479
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.8000e-004	0.0216	4.6100e-003	2.0000e-005	0.0844	1.0000e-005	0.0844	8.4300e-003	1.0000e-005	8.4300e-003	0.0000	2.2406	2.2406	2.9000e-004	0.0000	2.2479

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0404	0.3898	0.4978	8.4000e-004		0.0145	0.0145		0.0137	0.0137	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413
Total	0.0404	0.3898	0.4978	8.4000e-004		0.0145	0.0145		0.0137	0.0137	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8000e-004	0.0216	4.6100e-003	2.0000e-005	0.0362	1.0000e-005	0.0362	3.6100e-003	1.0000e-005	3.6200e-003	0.0000	2.2406	2.2406	2.9000e-004	0.0000	2.2479
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.8000e-004	0.0216	4.6100e-003	2.0000e-005	0.0362	1.0000e-005	0.0362	3.6100e-003	1.0000e-005	3.6200e-003	0.0000	2.2406	2.2406	2.9000e-004	0.0000	2.2479

3.5 P6 Building Construction 2 (mo. 5) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8308	31.8308	8.0400e-003	0.0000	32.0317
Total	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8308	31.8308	8.0400e-003	0.0000	32.0317

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.8700e-003	1.4700e-003	1.0000e-005	0.0268	0.0000	0.0268	2.6800e-003	0.0000	2.6800e-003	0.0000	0.7129	0.7129	9.0000e-005	0.0000	0.7152
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2000e-004	6.8700e-003	1.4700e-003	1.0000e-005	0.0268	0.0000	0.0268	2.6800e-003	0.0000	2.6800e-003	0.0000	0.7129	0.7129	9.0000e-005	0.0000	0.7152

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0160	0.1713	0.2296	3.7000e-004		6.4300e-003	6.4300e-003		6.1200e-003	6.1200e-003	0.0000	31.8307	31.8307	8.0400e-003	0.0000	32.0317
Total	0.0160	0.1713	0.2296	3.7000e-004		6.4300e-003	6.4300e-003		6.1200e-003	6.1200e-003	0.0000	31.8307	31.8307	8.0400e-003	0.0000	32.0317

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.8700e-003	1.4700e-003	1.0000e-005	0.0115	0.0000	0.0115	1.1500e-003	0.0000	1.1500e-003	0.0000	0.7129	0.7129	9.0000e-005	0.0000	0.7152
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2000e-004	6.8700e-003	1.4700e-003	1.0000e-005	0.0115	0.0000	0.0115	1.1500e-003	0.0000	1.1500e-003	0.0000	0.7129	0.7129	9.0000e-005	0.0000	0.7152

3.9 P7 Building Construction 1 (mo. 2-4) - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413
Total	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8000e-004	0.0216	4.6100e-003	2.0000e-005	0.0844	1.0000e-005	0.0844	8.4300e-003	1.0000e-005	8.4300e-003	0.0000	2.2406	2.2406	2.9000e-004	0.0000	2.2479
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.8000e-004	0.0216	4.6100e-003	2.0000e-005	0.0844	1.0000e-005	0.0844	8.4300e-003	1.0000e-005	8.4300e-003	0.0000	2.2406	2.2406	2.9000e-004	0.0000	2.2479

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0404	0.3898	0.4978	8.4000e-004		0.0145	0.0145		0.0137	0.0137	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413
Total	0.0404	0.3898	0.4978	8.4000e-004		0.0145	0.0145		0.0137	0.0137	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.8000e-004	0.0216	4.6100e-003	2.0000e-005	0.0362	1.0000e-005	0.0362	3.6100e-003	1.0000e-005	3.6200e-003	0.0000	2.2406	2.2406	2.9000e-004	0.0000	2.2479
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.8000e-004	0.0216	4.6100e-003	2.0000e-005	0.0362	1.0000e-005	0.0362	3.6100e-003	1.0000e-005	3.6200e-003	0.0000	2.2406	2.2406	2.9000e-004	0.0000	2.2479

[illegible]

3.11 P7 Building Construction 2 (mo. 5) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8308	31.8308	8.0400e-003	0.0000	32.0317
Total	0.0172	0.1649	0.2251	3.7000e-004		6.5700e-003	6.5700e-003		6.1700e-003	6.1700e-003	0.0000	31.8308	31.8308	8.0400e-003	0.0000	32.0317

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.8100e-003	1.4300e-003	1.0000e-005	0.0268	0.0000	0.0268	2.6800e-003	0.0000	2.6800e-003	0.0000	0.7063	0.7063	9.0000e-005	0.0000	0.7085
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2000e-004	6.8100e-003	1.4300e-003	1.0000e-005	0.0268	0.0000	0.0268	2.6800e-003	0.0000	2.6800e-003	0.0000	0.7063	0.7063	9.0000e-005	0.0000	0.7085

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0160	0.1713	0.2296	3.7000e-004		6.4300e-003	6.4300e-003		6.1200e-003	6.1200e-003	0.0000	31.8307	31.8307	8.0400e-003	0.0000	32.0317
Total	0.0160	0.1713	0.2296	3.7000e-004		6.4300e-003	6.4300e-003		6.1200e-003	6.1200e-003	0.0000	31.8307	31.8307	8.0400e-003	0.0000	32.0317

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	6.8100e-003	1.4300e-003	1.0000e-005	0.0115	0.0000	0.0115	1.1500e-003	0.0000	1.1500e-003	0.0000	0.7063	0.7063	9.0000e-005	0.0000	0.7085
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2000e-004	6.8100e-003	1.4300e-003	1.0000e-005	0.0115	0.0000	0.0115	1.1500e-003	0.0000	1.1500e-003	0.0000	0.7063	0.7063	9.0000e-005	0.0000	0.7085

3.14 P8 Building Construction 1 (mo. 2-4) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413
Total	0.0412	0.3823	0.4867	8.4000e-004		0.0157	0.0157		0.0148	0.0148	0.0000	71.8296	71.8296	0.0165	0.0000	72.2413

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0214	4.4900e-003	2.0000e-005	0.0844	0.0000	0.0844	8.4300e-003	0.0000	8.4300e-003	0.0000	2.2197	2.2197	2.8000e-004	0.0000	2.2266
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.7000e-004	0.0214	4.4900e-003	2.0000e-005	0.0844	0.0000	0.0844	8.4300e-003	0.0000	8.4300e-003	0.0000	2.2197	2.2197	2.8000e-004	0.0000	2.2266

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0404	0.3898	0.4978	8.4000e-004		0.0145	0.0145		0.0137	0.0137	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413
Total	0.0404	0.3898	0.4978	8.4000e-004		0.0145	0.0145		0.0137	0.0137	0.0000	71.8295	71.8295	0.0165	0.0000	72.2413

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0214	4.4900e-003	2.0000e-005	0.0362	0.0000	0.0362	3.6100e-003	0.0000	3.6200e-003	0.0000	2.2197	2.2197	2.8000e-004	0.0000	2.2266
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.7000e-004	0.0214	4.4900e-003	2.0000e-005	0.0362	0.0000	0.0362	3.6100e-003	0.0000	3.6200e-003	0.0000	2.2197	2.2197	2.8000e-004	0.0000	2.2266

3.16 P8 Building Construction 2 (mo. 5) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570
Total	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	7.1400e-003	1.5000e-003	1.0000e-005	0.0281	0.0000	0.0281	2.8100e-003	0.0000	2.8100e-003	0.0000	0.7399	0.7399	9.0000e-005	0.0000	0.7422
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2000e-004	7.1400e-003	1.5000e-003	1.0000e-005	0.0281	0.0000	0.0281	2.8100e-003	0.0000	2.8100e-003	0.0000	0.7399	0.7399	9.0000e-005	0.0000	0.7422

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0168	0.1794	0.2406	3.9000e-004		6.7400e-003	6.7400e-003		6.4100e-003	6.4100e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570
Total	0.0168	0.1794	0.2406	3.9000e-004		6.7400e-003	6.7400e-003		6.4100e-003	6.4100e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	7.1400e-003	1.5000e-003	1.0000e-005	0.0121	0.0000	0.0121	1.2000e-003	0.0000	1.2100e-003	0.0000	0.7399	0.7399	9.0000e-005	0.0000	0.7422
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2000e-004	7.1400e-003	1.5000e-003	1.0000e-005	0.0121	0.0000	0.0121	1.2000e-003	0.0000	1.2100e-003	0.0000	0.7399	0.7399	9.0000e-005	0.0000	0.7422

[illegible]

3.19 P9 Building Construction 1 (mo. 2-4) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0406	0.3765	0.4793	8.2000e-004		0.0155	0.0155		0.0146	0.0146	0.0000	70.7413	70.7413	0.0162	0.0000	71.1468
Total	0.0406	0.3765	0.4793	8.2000e-004		0.0155	0.0155		0.0146	0.0146	0.0000	70.7413	70.7413	0.0162	0.0000	71.1468

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0211	4.4200e-003	2.0000e-005	0.0831	0.0000	0.0831	8.3000e-003	0.0000	8.3000e-003	0.0000	2.1860	2.1860	2.7000e-004	0.0000	2.1929
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.7000e-004	0.0211	4.4200e-003	2.0000e-005	0.0831	0.0000	0.0831	8.3000e-003	0.0000	8.3000e-003	0.0000	2.1860	2.1860	2.7000e-004	0.0000	2.1929

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0397	0.3839	0.4903	8.2000e-004		0.0143	0.0143		0.0135	0.0135	0.0000	70.7412	70.7412	0.0162	0.0000	71.1467
Total	0.0397	0.3839	0.4903	8.2000e-004		0.0143	0.0143		0.0135	0.0135	0.0000	70.7412	70.7412	0.0162	0.0000	71.1467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0211	4.4200e-003	2.0000e-005	0.0356	0.0000	0.0356	3.5600e-003	0.0000	3.5600e-003	0.0000	2.1860	2.1860	2.7000e-004	0.0000	2.1929
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.7000e-004	0.0211	4.4200e-003	2.0000e-005	0.0356	0.0000	0.0356	3.5600e-003	0.0000	3.5600e-003	0.0000	2.1860	2.1860	2.7000e-004	0.0000	2.1929

3.21 P9 Building Construction 2 (mo. 5) - 2027

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570
Total	0.0181	0.1728	0.2358	3.9000e-004		6.8900e-003	6.8900e-003		6.4700e-003	6.4700e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	7.1400e-003	1.5000e-003	1.0000e-005	0.0281	0.0000	0.0281	2.8100e-003	0.0000	2.8100e-003	0.0000	0.7399	0.7399	9.0000e-005	0.0000	0.7422
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2000e-004	7.1400e-003	1.5000e-003	1.0000e-005	0.0281	0.0000	0.0281	2.8100e-003	0.0000	2.8100e-003	0.0000	0.7399	0.7399	9.0000e-005	0.0000	0.7422

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0168	0.1794	0.2406	3.9000e-004		6.7400e-003	6.7400e-003		6.4100e-003	6.4100e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570
Total	0.0168	0.1794	0.2406	3.9000e-004		6.7400e-003	6.7400e-003		6.4100e-003	6.4100e-003	0.0000	33.3465	33.3465	8.4200e-003	0.0000	33.5570

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	7.1400e-003	1.5000e-003	1.0000e-005	0.0121	0.0000	0.0121	1.2000e-003	0.0000	1.2100e-003	0.0000	0.7399	0.7399	9.0000e-005	0.0000	0.7422
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.2000e-004	7.1400e-003	1.5000e-003	1.0000e-005	0.0121	0.0000	0.0121	1.2000e-003	0.0000	1.2100e-003	0.0000	0.7399	0.7399	9.0000e-005	0.0000	0.7422

APPENDIX B

AERMOD Output Files and Cancer Risk Estimates

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**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 6/8/2017
** File: C:\Lakes\AERMOD View\Proctor Valley Construction HRA\060617
Discrete Refined Residential\0608SS2\0608SS2.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Proctor Valley Construction HRA\Proctor
Valley
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL 0608SS2.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** LOCATION PAREA6 AREAPOLY 509146.400 3617120.500 289.090
** DESCRSRC Polygon Area 6- North Parcel
** LOCATION PAREA7 AREAPOLY 509944.900 3617161.300 305.170
** DESCRSRC North Parcel
** LOCATION PAREA8 AREAPOLY 510948.600 3616326.300 476.030
** DESCRSRC East Parcel
** Source Parameters **
SRCPARAM PAREA6 8.1141E-07 5.000 12 1.200
AREAVERT PAREA6 509146.400 3617120.500 509120.600 3617935.200
AREAVERT PAREA6 508721.750 3617948.900 508721.200 3618333.500
AREAVERT PAREA6 509521.650 3618333.800 509521.950 3618406.600
AREAVERT PAREA6 509876.250 3618485.400 510013.500 3618454.400
AREAVERT PAREA6 510337.750 3618543.100 510332.600 3618341.700
AREAVERT PAREA6 509924.200 3618330.500 509927.000 3617121.600
SRCPARAM PAREA7 3.7199E-06 5.000 18 1.200
AREAVERT PAREA7 509944.900 3617161.300 510062.100 3617119.500
AREAVERT PAREA7 510735.350 3617129.000 510737.500 3617045.100
AREAVERT PAREA7 510769.400 3617060.200 510888.450 3616945.900

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AREAVERT	PAREA7	510954.800	3616935.250	511071.100	3616953.700
AREAVERT	PAREA7	511159.700	3616949.800	511159.700	3616908.400
AREAVERT	PAREA7	511027.400	3616880.150	510945.200	3616912.600
AREAVERT	PAREA7	510814.700	3616888.600	510758.300	3616893.600
AREAVERT	PAREA7	510701.600	3616930.700	510332.100	3616925.300
AREAVERT	PAREA7	510328.650	3616726.700	509936.400	3616723.400
SRCPARAM	PAREA8	1.2773E-06	5.000	15	1.200
AREAVERT	PAREA8	510948.600	3616326.300	510950.900	3616726.200
AREAVERT	PAREA8	511161.800	3616731.300	511167.500	3617941.000
AREAVERT	PAREA8	511411.500	3617954.750	511412.700	3618054.200
AREAVERT	PAREA8	511466.650	3618168.700	511465.600	3618384.650
AREAVERT	PAREA8	511488.500	3618409.650	511516.300	3618345.200
AREAVERT	PAREA8	511524.300	3618137.650	511462.500	3618039.650
AREAVERT	PAREA8	511457.800	3617959.900	511580.500	3617953.850
AREAVERT	PAREA8	511580.900	3616337.400		

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Construction Activity"

** WeekDays:

EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA6	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA6	HRDOW	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA7	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA7	HRDOW	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	PAREA8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA8	HRDOW	0.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA8	HRDOW	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	PAREA8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

```

    EMISFACT PAREA8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
    EMISFACT PAREA8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA8      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED 0608SS2.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE "..\\..\\Proctor Valley Construction HRA.SFC"
    PROFFILE "..\\..\\Proctor Valley Construction HRA.PFL"
    SURFDATA 23188 2010
    UAIRDATA 3190 2010
    PROFBASE 55.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST
    RECTABLE 1 1ST
** Auto-Generated Plotfiles
    PLOTFILE 1 ALL 1ST 0608SS2.AD\\01H1GALL.PLT 31
    PLOTFILE PERIOD ALL 0608SS2.AD\\PE00GALL.PLT 32
    SUMMFILE 0608SS2.sum
OU FINISHED

*****
*** SETUP Finishes Successfully ***
*****

```

*** AERMOD - VERSION 16216r *** C:\Lakes\AERMOD View\Proctor
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*** AERMET - VERSION 15181 ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** MODEL SETUP OPTIONS

SUMMARY ***

- - - - -
- - - - -

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Other Options Specified:

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 1-HR

and Calculates PERIOD Averages

**This Run Includes: 3 Source(s); 1 Source Group(s); and
6 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 15181

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting
(PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values
(SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for

Missing Hours

b for

Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 55.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.5 MB of RAM.

**Detailed Error/Message File: 0608SS2.err

**File for Summary of Results: 0608SS2.sum

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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** AREAPOLY SOURCE DATA

NUMBER SOURCE OF VERTS. ID (METERS)	NUMBER INIT. SZ	EMISSION URBAN PART. CATS. BY	RATE EMISSION (GRAMS/SEC SOURCE SCALAR /METER**2)	LOCATION X (METERS)	OF AREA Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)
PAREA6 12	1.20	0 NO	0.81141E-06 HRDOW	509146.4	3617120.5	289.1	5.00
PAREA7 18	1.20	0 NO	0.37199E-05 HRDOW	509944.9	3617161.3	305.2	5.00
PAREA8 15	1.20	0 NO	0.12773E-05 HRDOW	510948.6	3616326.3	476.0	5.00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA6 , PAREA7 , PAREA8 ,

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA6 ; SOURCE TYPE = AREAPOLY :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13
 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .1000E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21
 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13
 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21
 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13
 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21
 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA7 ; SOURCE TYPE = AREAPOLY :

SCALAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
DAY OF WEEK = WEEKDAY																									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SATURDAY																									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00				
DAY OF WEEK = SUNDAY																									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00				

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW) *

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SOURCE ID = PAREA8      ; SOURCE TYPE = AREAPOLY :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .1000E+01
      9 .1000E+01     10 .1000E+01     11 .1000E+01     12 .1000E+01     13
.1000E+01     14 .1000E+01     15 .1000E+01     16 .1000E+01
     17 .1000E+01     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SUNDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .0000E+00      7 .0000E+00      8 .0000E+00
      9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13
.0000E+00     14 .0000E+00     15 .0000E+00     16 .0000E+00
     17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21
.0000E+00     22 .0000E+00     23 .0000E+00     24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

```

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

```

( 509477.0, 3618425.0, 289.2, 782.0, 0.0); (
509403.0, 3618404.0, 288.0, 782.0, 0.0);
( 509340.0, 3618376.0, 286.2, 782.0, 0.0); (
509305.0, 3618372.0, 286.2, 782.0, 0.0);
( 509262.0, 3618371.0, 286.5, 782.0, 0.0); (
509305.0, 3618358.0, 285.4, 782.0, 0.0);

```

```
*** AERMOD - VERSION 16216r ***      *** C:\Lakes\AERMOD View\Proctor
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*** MODELOPTs:      RegDFAULT  CONC  ELEV  RURAL
```

*** METEOROLOGICAL DAYS

SELECTED FOR PROCESSING ***

(1=YES;

 $\Theta = NO^-$ [illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO
DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

```
*** UPPER BOUND OF FIRST THROUGH FIFTH
```

WIND SPEED CATEGORIES ***

(METERS/SEC)

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: ..\..\Proctor Valley Construction HRA.SFC
 Met Version: 15181
 Profile file: ..\..\Proctor Valley Construction HRA.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23188 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2010 Year:
 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
10	01	01	1	01	-2.5	0.056	-9.000	-9.000	-999.	32.	6.4	0.42	
1.07	1.00				48.	10.0	283.1	10.0					
10	01	01	1	02	-2.7	0.059	-9.000	-9.000	-999.	34.	6.9	0.48	
1.07	1.00				62.	10.0	283.1	10.0					
10	01	01	1	03	-2.5	0.056	-9.000	-9.000	-999.	32.	6.4	0.42	
1.07	1.00				45.	10.0	282.5	10.0					
10	01	01	1	04	-2.7	0.059	-9.000	-9.000	-999.	34.	6.9	0.48	
1.07	1.00				79.	10.0	281.9	10.0					
10	01	01	1	05	-0.6	0.026	-9.000	-9.000	-999.	10.	2.9	0.34	
1.07	1.00				356.	10.0	280.9	10.0					
10	01	01	1	06	-2.5	0.056	-9.000	-9.000	-999.	32.	6.4	0.42	
1.07	1.00				45.	10.0	280.9	10.0					
10	01	01	1	07	-2.0	0.056	-9.000	-9.000	-999.	32.	8.1	0.42	
1.07	1.00				47.	10.0	281.9	10.0					
10	01	01	1	08	-1.6	0.059	-9.000	-9.000	-999.	34.	11.7	0.48	
1.07	0.49				78.	10.0	282.5	10.0					
10	01	01	1	09	20.0	0.132	0.299	0.009	48.	115.	-10.4	0.25	
1.07	0.30				24.	10.0	286.4	10.0					
10	01	01	1	10	62.9	0.163	0.574	0.009	109.	158.	-6.3	0.34	
1.07	0.23				351.	10.0	288.1	10.0					
10	01	01	1	11	61.6	0.261	0.739	0.008	237.	320.	-26.1	0.35	
1.07	0.21				311.	10.0	290.9	10.0					
10	01	01	1	12	70.0	0.312	0.881	0.008	354.	419.	-39.4	0.35	
1.07	0.20				313.	10.0	292.5	10.0					
10	01	01	1	13	69.3	0.264	0.945	0.008	441.	326.	-23.9	0.35	
1.07	0.20				305.	10.0	293.6	10.0					

10	01	01	1	14	59.8	0.310	0.942	0.008	504.	414.	-44.9	0.35
1.07	0.21			2.23	278.	10.0	294.8	10.0				
10	01	01	1	15	40.5	0.398	0.847	0.008	541.	603.	-140.6	0.35
1.07	0.24			3.12	289.	10.0	293.1	10.0				
10	01	01	1	16	21.6	0.290	0.694	0.008	558.	382.	-101.6	0.35
1.07	0.33			2.23	296.	10.0	291.4	10.0				
10	01	01	1	17	-3.5	0.079	-9.000	-9.000	-999.	127.	13.1	0.34
1.07	0.60			1.34	337.	10.0	291.4	10.0				
10	01	01	1	18	-3.7	0.079	-9.000	-9.000	-999.	55.	12.4	0.34
1.07	1.00			1.34	337.	10.0	290.4	10.0				
10	01	01	1	19	-0.5	0.029	-9.000	-9.000	-999.	13.	4.7	0.47
1.07	1.00			0.44	252.	10.0	288.6	10.0				
10	01	01	1	20	-0.4	0.028	-9.000	-9.000	-999.	11.	4.5	0.43
1.07	1.00			0.44	113.	10.0	287.5	10.0				
10	01	01	1	21	-1.6	0.050	-9.000	-9.000	-999.	27.	6.9	0.28
1.07	1.00			0.89	122.	10.0	286.9	10.0				
10	01	01	1	22	-5.4	0.085	-9.000	-9.000	-999.	60.	10.3	0.43
1.07	1.00			1.34	99.	10.0	286.4	10.0				
10	01	01	1	23	-2.2	0.053	-9.000	-9.000	-999.	29.	5.9	0.34
1.07	1.00			0.89	331.	10.0	285.4	10.0				
10	01	01	1	24	-2.5	0.056	-9.000	-9.000	-999.	32.	6.5	0.42
1.07	1.00			0.89	40.	10.0	285.4	10.0				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	10.0	1	48.	0.89	283.2	30.0	-99.00	0.41

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA6 ,
 PAREA7 , PAREA8 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
509477.00	3618425.00	0.52039	
509403.00	3618404.00	0.54493	
509340.00	3618376.00	0.64459	
509305.00	3618372.00	0.65545	
509262.00	3618371.00	0.64623	
509305.00	3618358.00	0.76358	

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA6 ,
PAREA7 , PAREA8 ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

*** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
509477.00	3618425.00	248.66248	(11112408)	
509403.00	3618404.00	259.72409	(11112408)	
509340.00	3618376.00	272.00731	(11112408)	
509305.00	3618372.00	282.98166	(11112408)	
509262.00	3618371.00	296.80474	(11112408)	
509305.00	3618358.00	281.46329	(11112408)	

*** AERMOD - VERSION 16216r *** C:\Lakes\AERMOD View\Proctor
 Valley Construction HRA\Proctor Valley *** 06/08/17
 *** AERMET - VERSION 15181 ***
 *** 13:07:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD

(26304 HRS) RESULTS ***

MICROGRAMS/M**3 ** CONC OF PM_10 IN **

NETWORK GROUP ID	AVERAGE CONC YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID	RECEPTOR (XR,
ALL	1ST HIGHEST VALUE IS 0.76358 AT (509305.00,	
3618358.00,	285.40, 782.00, 0.00) DC	
	2ND HIGHEST VALUE IS 0.65545 AT (509305.00,	
3618372.00,	286.20, 782.00, 0.00) DC	
	3RD HIGHEST VALUE IS 0.64623 AT (509262.00,	
3618371.00,	286.51, 782.00, 0.00) DC	
	4TH HIGHEST VALUE IS 0.64459 AT (509340.00,	
3618376.00,	286.16, 782.00, 0.00) DC	
	5TH HIGHEST VALUE IS 0.54493 AT (509403.00,	
3618404.00,	288.02, 782.00, 0.00) DC	
	6TH HIGHEST VALUE IS 0.52039 AT (509477.00,	
3618425.00,	289.15, 782.00, 0.00) DC	
	7TH HIGHEST VALUE IS 0.00000 AT (0.00,	
0.00,	0.00, 0.00, 0.00)	
	8TH HIGHEST VALUE IS 0.00000 AT (0.00,	
0.00,	0.00, 0.00, 0.00)	
	9TH HIGHEST VALUE IS 0.00000 AT (0.00,	
0.00,	0.00, 0.00, 0.00)	
	10TH HIGHEST VALUE IS 0.00000 AT (0.00,	
0.00,	0.00, 0.00, 0.00)	

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

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 *** AERMET - VERSION 15181 *** ***
 *** 13:07:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF

HIGHEST 1-HR RESULTS ***

 ** CONC OF PM₁₀ IN
 **
 MICROGRAMS/M³

DATE

NETWORK	GROUP ID	AVERAGE CONC	(YYMMDDHH)
RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -

ALL HIGH 1ST HIGH VALUE IS 296.80474 ON 11112408: AT (
 509262.00, 3618371.00, 286.51, 782.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 36 Warning Message(s)
A Total of 746 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 421 Calm Hours Identified

A Total of 325 Missing Hours Identified (1.24 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

MX W441	14167	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081407	
MX W441	14168	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081408	
MX W441	14169	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081409	
MX W441	14170	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081410	
MX W441	14171	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081411	
MX W441	14172	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081412	
MX W441	14173	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081413	
MX W441	14174	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081414	
MX W441	14175	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081415	
MX W441	14176	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081416	
MX W441	14177	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081417	
MX W441	14178	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081418	
MX W441	14191	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081507	

MX W441	14192	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081508	
MX W441	14193	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081509	
MX W441	14194	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081510	
MX W441	14195	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081511	
MX W441	14196	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081512	
MX W441	14197	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081513	
MX W441	14198	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081514	
MX W441	14199	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081515	
MX W441	14200	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081516	
MX W441	14201	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081517	
MX W441	14202	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081518	
MX W441	14215	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081607	
MX W441	14216	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081608	
MX W441	14217	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081609	
MX W441	14218	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081610	
MX W441	14219	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081611	
MX W441	14220	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081612	
MX W441	14221	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081613	
MX W441	14222	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081614	
MX W441	14223	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081615	
MX W441	14224	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081616	
MX W441	14225	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081617	
MX W441	14226	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081618	

 *** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 6/7/2017
** File: C:\Lakes\AERMOD View\0607S9No\0607S9No.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Proctor Valley Construction HRA\Proctor
Valley
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL 0606S8NO.ERR
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** LOCATION PAREA6 AREAPOLY 509146.400 3617120.500 289.090
** DESCRSRC Polygon Area 6- North Parcel
** LOCATION PAREA7 AREAPOLY 509944.900 3617161.300 305.170
** DESCRSRC North Parcel
** LOCATION PAREA8 AREAPOLY 510948.600 3616326.300 476.030
** DESCRSRC East Parcel
** Source Parameters **
SRCPARAM PAREA6 8.1141E-07 5.000 12 1.200
AREAVERT PAREA6 509146.400 3617120.500 509120.600 3617935.200
AREAVERT PAREA6 508721.750 3617948.900 508721.200 3618333.500
AREAVERT PAREA6 509521.650 3618333.800 509521.950 3618406.600
AREAVERT PAREA6 509876.250 3618485.400 510013.500 3618454.400
AREAVERT PAREA6 510337.750 3618543.100 510332.600 3618341.700
AREAVERT PAREA6 509924.200 3618330.500 509927.000 3617121.600
SRCPARAM PAREA7 3.7199E-06 5.000 18 1.200
AREAVERT PAREA7 509944.900 3617161.300 510062.100 3617119.500
AREAVERT PAREA7 510735.350 3617129.000 510737.500 3617045.100
AREAVERT PAREA7 510769.400 3617060.200 510888.450 3616945.900
AREAVERT PAREA7 510954.800 3616935.250 511071.100 3616953.700

```


AREAVERT	PAREA7	511159.700	3616949.800	511159.700	3616908.400
AREAVERT	PAREA7	511027.400	3616880.150	510945.200	3616912.600
AREAVERT	PAREA7	510814.700	3616888.600	510758.300	3616893.600
AREAVERT	PAREA7	510701.600	3616930.700	510332.100	3616925.300
AREAVERT	PAREA7	510328.650	3616726.700	509936.400	3616723.400
SRCPARAM	PAREA8	1.2773E-06	5.000	15	1.200
AREAVERT	PAREA8	510948.600	3616326.300	510950.900	3616726.200
AREAVERT	PAREA8	511161.800	3616731.300	511167.500	3617941.000
AREAVERT	PAREA8	511411.500	3617954.750	511412.700	3618054.200
AREAVERT	PAREA8	511466.650	3618168.700	511465.600	3618384.650
AREAVERT	PAREA8	511488.500	3618409.650	511516.300	3618345.200
AREAVERT	PAREA8	511524.300	3618137.650	511462.500	3618039.650
AREAVERT	PAREA8	511457.800	3617959.900	511580.500	3617953.850
AREAVERT	PAREA8	511580.900	3616337.400		
SRCGROUP	ALL				

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED 0607S9No.rou

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "MetData\Proctor Valley Construction HRA.SFC"

PROFFILE "MetData\Proctor Valley Construction HRA.PFL"

SURFDATA 23188 2010 SAN_DIEGO/LINDBERGH_FIELD

UAIRDATA 3190 2010

SITEDATA 1 2010

PROFBASE 55.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST 0607S9No.AD\01H1GALL.PLT 31

PLOTFILE PERIOD ALL 0607S9No.AD\PE00GALL.PLT 32

SUMMFILE 0606S8NO.SUM

OU FINISHED

```
*****  
***  SETUP  Finishes  Successfully  ***  
*****
```

*** AERMOD - VERSION 16216r *** C:\Lakes\AERMOD View\Proctor
Valley Construction HRA\Proctor Valley *** 06/07/17
*** AERMET - VERSION 15181 ***
*** 13:16:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** MODEL SETUP OPTIONS

SUMMARY ***

- - - - -
- - - - -

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Other Options Specified:

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM₁₀

**Model Calculates 1 Short Term Average(s) of: 1-HR

and Calculates PERIOD Averages

**This Run Includes: 3 Source(s); 1 Source Group(s); and
2 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 15181

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting
(PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values
(SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for
Missing Hours

b for
Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 55.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.5 MB of RAM.

**Detailed Error/Message File: 0606S8N0.ERR

**File for Summary of Results: 0606S8N0.SUM

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
 Valley Construction HRA\Proctor Valley *** 06/07/17
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PAGE 2
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** AREAPOLY SOURCE DATA

NUMBER SOURCE OF VERTS. ID (METERS)	NUMBER INIT. SZ	EMISSION URBAN PART. CATS. BY	RATE EMISSION (GRAMS/SEC SOURCE SCALAR /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)
PAREA6 12	0 1.20	NO	0.81141E-06	509146.4	3617120.5	289.1	5.00
PAREA7 18	0 1.20	NO	0.37199E-05	509944.9	3617161.3	305.2	5.00
PAREA8 15	0 1.20	NO	0.12773E-05	510948.6	3616326.3	476.0	5.00

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA6 , PAREA7 , PAREA8 ,

```
*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
Valley Construction HRA\Proctor Valley *** 06/07/17
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```

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

```
( 512040.0, 3618362.0, 302.2, 610.0, 0.0); (
512170.0, 3618362.0, 298.5, 610.0, 0.0);
```

8.23, 10.80, 1.54, 3.09, 5.14,

*** AERMOD - VERSION 16216r *** C:\Lakes\AERMOD View\Proctor
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: MetData\Proctor Valley Construction HRA.SFC
 Met Version: 15181
 Profile file: MetData\Proctor Valley Construction HRA.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23188 Upper air station no.:
 3190
 Name: SAN_DIEGO/LINDBERGH_FIELD Name:
 UNKNOWN
 Year: 2010 Year:
 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	01	01	1	01	-2.5	0.056	-9.000	-9.000	-999.	32.	6.4	0.42	
1.07	1.00				48.	10.0	283.1	10.0					
10	01	01	1	02	-2.7	0.059	-9.000	-9.000	-999.	34.	6.9	0.48	
1.07	1.00				62.	10.0	283.1	10.0					
10	01	01	1	03	-2.5	0.056	-9.000	-9.000	-999.	32.	6.4	0.42	
1.07	1.00				45.	10.0	282.5	10.0					
10	01	01	1	04	-2.7	0.059	-9.000	-9.000	-999.	34.	6.9	0.48	
1.07	1.00				79.	10.0	281.9	10.0					
10	01	01	1	05	-0.6	0.026	-9.000	-9.000	-999.	10.	2.9	0.34	
1.07	1.00				356.	10.0	280.9	10.0					
10	01	01	1	06	-2.5	0.056	-9.000	-9.000	-999.	32.	6.4	0.42	
1.07	1.00				45.	10.0	280.9	10.0					
10	01	01	1	07	-2.0	0.056	-9.000	-9.000	-999.	32.	8.1	0.42	
1.07	1.00				47.	10.0	281.9	10.0					
10	01	01	1	08	-1.6	0.059	-9.000	-9.000	-999.	34.	11.7	0.48	
1.07	0.49				78.	10.0	282.5	10.0					
10	01	01	1	09	20.0	0.132	0.299	0.009	48.	115.	-10.4	0.25	
1.07	0.30				24.	10.0	286.4	10.0					
10	01	01	1	10	62.9	0.163	0.574	0.009	109.	158.	-6.3	0.34	
1.07	0.23				351.	10.0	288.1	10.0					
10	01	01	1	11	61.6	0.261	0.739	0.008	237.	320.	-26.1	0.35	
1.07	0.21				311.	10.0	290.9	10.0					
10	01	01	1	12	70.0	0.312	0.881	0.008	354.	419.	-39.4	0.35	
1.07	0.20				313.	10.0	292.5	10.0					
10	01	01	1	13	69.3	0.264	0.945	0.008	441.	326.	-23.9	0.35	
1.07	0.20				305.	10.0	293.6	10.0					

10	01	01	1	14	59.8	0.310	0.942	0.008	504.	414.	-44.9	0.35
1.07	0.21			2.23	278.	10.0	294.8	10.0				
10	01	01	1	15	40.5	0.398	0.847	0.008	541.	603.	-140.6	0.35
1.07	0.24			3.12	289.	10.0	293.1	10.0				
10	01	01	1	16	21.6	0.290	0.694	0.008	558.	382.	-101.6	0.35
1.07	0.33			2.23	296.	10.0	291.4	10.0				
10	01	01	1	17	-3.5	0.079	-9.000	-9.000	-999.	127.	13.1	0.34
1.07	0.60			1.34	337.	10.0	291.4	10.0				
10	01	01	1	18	-3.7	0.079	-9.000	-9.000	-999.	55.	12.4	0.34
1.07	1.00			1.34	337.	10.0	290.4	10.0				
10	01	01	1	19	-0.5	0.029	-9.000	-9.000	-999.	13.	4.7	0.47
1.07	1.00			0.44	252.	10.0	288.6	10.0				
10	01	01	1	20	-0.4	0.028	-9.000	-9.000	-999.	11.	4.5	0.43
1.07	1.00			0.44	113.	10.0	287.5	10.0				
10	01	01	1	21	-1.6	0.050	-9.000	-9.000	-999.	27.	6.9	0.28
1.07	1.00			0.89	122.	10.0	286.9	10.0				
10	01	01	1	22	-5.4	0.085	-9.000	-9.000	-999.	60.	10.3	0.43
1.07	1.00			1.34	99.	10.0	286.4	10.0				
10	01	01	1	23	-2.2	0.053	-9.000	-9.000	-999.	29.	5.9	0.34
1.07	1.00			0.89	331.	10.0	285.4	10.0				
10	01	01	1	24	-2.5	0.056	-9.000	-9.000	-999.	32.	6.5	0.42
1.07	1.00			0.89	40.	10.0	285.4	10.0				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	10.0	1	48.	0.89	283.2	30.0	-99.00	0.41

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
 Valley Construction HRA\Proctor Valley *** 06/07/17
 *** AERMET - VERSION 15181 *** ***
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA6 ,
 PAREA7 , PAREA8 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

*** CONC OF PM₁₀ IN
 MICROGRAMS/M³ ***

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
512040.00	3618362.00	5.86775	
512170.00	3618362.00	5.54518	

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
 Valley Construction HRA\Proctor Valley *** 06/07/17
 *** AERMET - VERSION 15181 *** ***
 *** 13:16:52

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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA6 ,
 PAREA7 , PAREA8 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

** CONC OF PM_10 IN
 **
 MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
512040.00	3618362.00	355.16028	(11020821)	
512170.00	3618362.00	319.20347	(12100221)	

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
Valley Construction HRA\Proctor Valley *** 06/07/17
*** AERMET - VERSION 15181 *** ***
*** 13:16:52

PAGE 9

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD

(26304 HRS) RESULTS ***

MICROGRAMS/M**3 ** CONC OF PM_10 IN
**

NETWORK GROUP ID	AVERAGE CONC YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID	RECEPTOR (XR,
-----	-----	-----
-----	-----	-----

ALL	1ST HIGHEST VALUE IS	5.86775 AT (	512040.00,
3618362.00,	302.18, 610.00,	0.00) DC	
	2ND HIGHEST VALUE IS	5.54518 AT (	512170.00,
3618362.00,	298.46, 610.00,	0.00) DC	
	3RD HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	4TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	5TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	6TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	7TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	8TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	9TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	10TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
Valley Construction HRA\Proctor Valley *** 06/07/17
*** AERMET - VERSION 15181 *** ***
*** 13:16:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 36 Warning Message(s)
A Total of 746 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 421 Calm Hours Identified

A Total of 325 Missing Hours Identified (1.24 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

MX W441	14167	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081407	
MX W441	14168	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081408	
MX W441	14169	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081409	
MX W441	14170	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081410	
MX W441	14171	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081411	
MX W441	14172	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081412	
MX W441	14173	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081413	
MX W441	14174	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081414	
MX W441	14175	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081415	
MX W441	14176	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081416	
MX W441	14177	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081417	
MX W441	14178	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081418	
MX W441	14191	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081507	

MX W441	14192	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081508	
MX W441	14193	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081509	
MX W441	14194	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081510	
MX W441	14195	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081511	
MX W441	14196	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081512	
MX W441	14197	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081513	
MX W441	14198	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081514	
MX W441	14199	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081515	
MX W441	14200	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081516	
MX W441	14201	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081517	
MX W441	14202	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081518	
MX W441	14215	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081607	
MX W441	14216	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081608	
MX W441	14217	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081609	
MX W441	14218	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081610	
MX W441	14219	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081611	
MX W441	14220	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081612	
MX W441	14221	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081613	
MX W441	14222	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081614	
MX W441	14223	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081615	
MX W441	14224	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081616	
MX W441	14225	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081617	
MX W441	14226	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081618	

 *** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 6/7/2017
** File: C:\Lakes\AERMOD View\0606S10N\0606S10N.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\Proctor Valley Construction HRA\Proctor
Valley
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL 0606S10N.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** LOCATION PAREA6 AREAPOLY 509146.400 3617120.500 289.090
** DESCRSRC Polygon Area 6- North Parcel
** LOCATION PAREA7 AREAPOLY 509944.900 3617161.300 305.170
** DESCRSRC North Parcel
** LOCATION PAREA8 AREAPOLY 510948.600 3616326.300 476.030
** DESCRSRC East Parcel
** Source Parameters **
SRCPARAM PAREA6 8.1141E-07 5.000 12 1.200
AREAVERT PAREA6 509146.400 3617120.500 509120.600 3617935.200
AREAVERT PAREA6 508721.750 3617948.900 508721.200 3618333.500
AREAVERT PAREA6 509521.650 3618333.800 509521.950 3618406.600
AREAVERT PAREA6 509876.250 3618485.400 510013.500 3618454.400
AREAVERT PAREA6 510337.750 3618543.100 510332.600 3618341.700
AREAVERT PAREA6 509924.200 3618330.500 509927.000 3617121.600
SRCPARAM PAREA7 3.7199E-06 5.000 18 1.200
AREAVERT PAREA7 509944.900 3617161.300 510062.100 3617119.500
AREAVERT PAREA7 510735.350 3617129.000 510737.500 3617045.100
AREAVERT PAREA7 510769.400 3617060.200 510888.450 3616945.900
AREAVERT PAREA7 510954.800 3616935.250 511071.100 3616953.700

```

AREAVERT	PAREA7	511159.700	3616949.800	511159.700	3616908.400
AREAVERT	PAREA7	511027.400	3616880.150	510945.200	3616912.600
AREAVERT	PAREA7	510814.700	3616888.600	510758.300	3616893.600
AREAVERT	PAREA7	510701.600	3616930.700	510332.100	3616925.300
AREAVERT	PAREA7	510328.650	3616726.700	509936.400	3616723.400
SRCPARAM	PAREA8	1.2773E-06	5.000	15	1.200
AREAVERT	PAREA8	510948.600	3616326.300	510950.900	3616726.200
AREAVERT	PAREA8	511161.800	3616731.300	511167.500	3617941.000
AREAVERT	PAREA8	511411.500	3617954.750	511412.700	3618054.200
AREAVERT	PAREA8	511466.650	3618168.700	511465.600	3618384.650
AREAVERT	PAREA8	511488.500	3618409.650	511516.300	3618345.200
AREAVERT	PAREA8	511524.300	3618137.650	511462.500	3618039.650
AREAVERT	PAREA8	511457.800	3617959.900	511580.500	3617953.850
AREAVERT	PAREA8	511580.900	3616337.400		
SRCGROUP	ALL				

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED 0606S10N.rou

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "MetData\Proctor Valley Construction HRA.SFC"

PROFFILE "MetData\Proctor Valley Construction HRA.PFL"

SURFDATA 23188 2010 SAN_DIEGO/LINDBERGH_FIELD

UAIRDATA 3190 2010

SITEDATA 1 2010

PROFBASE 55.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST 0606S10N.AD\01H1GALL.PLT 31

PLOTFILE PERIOD ALL 0606S10N.AD\PE00GALL.PLT 32

SUMMFILE 0606S10N.sum

OU FINISHED

```
*****  
***  SETUP  Finishes  Successfully  ***  
*****
```

*** AERMOD - VERSION 16216r *** C:\Lakes\AERMOD View\Proctor
Valley Construction HRA\Proctor Valley *** 06/07/17
*** AERMET - VERSION 15181 ***
*** 14:12:06

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** MODEL SETUP OPTIONS

SUMMARY ***

- - - - -

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses RURAL Dispersion Only.

**Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

**Other Options Specified:

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM₁₀

**Model Calculates 1 Short Term Average(s) of: 1-HR

and Calculates PERIOD Averages

**This Run Includes: 3 Source(s); 1 Source Group(s); and
1 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 15181

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor

(RECTABLE Keyword)

Model Outputs External File(s) of High Values for Plotting

(PLOTFILE Keyword)

Model Outputs Separate Summary File of High Ranked Values

(SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for

Missing Hours

b for

Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 55.00 ;

Decay Coef. = 0.000 ; Rot. Angle = 0.0

Emission Units = GRAMS/SEC

; Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.5 MB of RAM.

**Detailed Error/Message File: 0606S10N.err

**File for Summary of Results: 0606S10N.sum

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
 Valley Construction HRA\Proctor Valley *** 06/07/17
 *** AERMET - VERSION 15181 *** ***
 *** 14:12:06

PAGE 2
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** AREAPOLY SOURCE DATA

NUMBER SOURCE OF VERTS. ID (METERS)	NUMBER INIT. SZ	EMISSION URBAN PART. SOURCE CATS. BY	RATE EMISSION (GRAMS/SEC SCALAR /METER**2)	LOCATION X (METERS)	OF AREA Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)
PAREA6 12	0 1.20	NO	0.81141E-06	509146.4	3617120.5	289.1	5.00
PAREA7 18	0 1.20	NO	0.37199E-05	509944.9	3617161.3	305.2	5.00
PAREA8 15	0 1.20	NO	0.12773E-05	510948.6	3616326.3	476.0	5.00

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
Valley Construction HRA\Proctor Valley *** 06/07/17
*** AERMET - VERSION 15181 *** ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA6 , PAREA7 , PAREA8 ,

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
Valley Construction HRA\Proctor Valley *** 06/07/17
*** AERMET - VERSION 15181 *** ***
*** 14:12:06

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(510800.0, 3619100.0, 305.0, 427.0, 0.0);

8.23, 10.80, 1.54, 3.09, 5.14,

*** AERMOD - VERSION 16216r *** C:\Lakes\AERMOD View\Proctor
 Valley Construction HRA\Proctor Valley *** 06/07/17
 *** AERMET - VERSION 15181 ***
 *** 14:12:06

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: MetData\Proctor Valley Construction HRA.SFC
 Met Version: 15181
 Profile file: MetData\Proctor Valley Construction HRA.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23188 Upper air station no.:
 3190
 Name: SAN_DIEGO/LINDBERGH_FIELD Name:
 UNKNOWN
 Year: 2010 Year:
 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
10	01	01	1	01	-2.5	0.056	-9.000	-9.000	-999.	32.	6.4	0.42	
1.07	1.00				48.	10.0	283.1	10.0					
10	01	01	1	02	-2.7	0.059	-9.000	-9.000	-999.	34.	6.9	0.48	
1.07	1.00				62.	10.0	283.1	10.0					
10	01	01	1	03	-2.5	0.056	-9.000	-9.000	-999.	32.	6.4	0.42	
1.07	1.00				45.	10.0	282.5	10.0					
10	01	01	1	04	-2.7	0.059	-9.000	-9.000	-999.	34.	6.9	0.48	
1.07	1.00				79.	10.0	281.9	10.0					
10	01	01	1	05	-0.6	0.026	-9.000	-9.000	-999.	10.	2.9	0.34	
1.07	1.00				356.	10.0	280.9	10.0					
10	01	01	1	06	-2.5	0.056	-9.000	-9.000	-999.	32.	6.4	0.42	
1.07	1.00				45.	10.0	280.9	10.0					
10	01	01	1	07	-2.0	0.056	-9.000	-9.000	-999.	32.	8.1	0.42	
1.07	1.00				47.	10.0	281.9	10.0					
10	01	01	1	08	-1.6	0.059	-9.000	-9.000	-999.	34.	11.7	0.48	
1.07	0.49				78.	10.0	282.5	10.0					
10	01	01	1	09	20.0	0.132	0.299	0.009	48.	115.	-10.4	0.25	
1.07	0.30				24.	10.0	286.4	10.0					
10	01	01	1	10	62.9	0.163	0.574	0.009	109.	158.	-6.3	0.34	
1.07	0.23				351.	10.0	288.1	10.0					
10	01	01	1	11	61.6	0.261	0.739	0.008	237.	320.	-26.1	0.35	
1.07	0.21				311.	10.0	290.9	10.0					
10	01	01	1	12	70.0	0.312	0.881	0.008	354.	419.	-39.4	0.35	
1.07	0.20				313.	10.0	292.5	10.0					
10	01	01	1	13	69.3	0.264	0.945	0.008	441.	326.	-23.9	0.35	
1.07	0.20				305.	10.0	293.6	10.0					

10	01	01	1	14	59.8	0.310	0.942	0.008	504.	414.	-44.9	0.35
1.07	0.21			2.23	278.	10.0	294.8	10.0				
10	01	01	1	15	40.5	0.398	0.847	0.008	541.	603.	-140.6	0.35
1.07	0.24			3.12	289.	10.0	293.1	10.0				
10	01	01	1	16	21.6	0.290	0.694	0.008	558.	382.	-101.6	0.35
1.07	0.33			2.23	296.	10.0	291.4	10.0				
10	01	01	1	17	-3.5	0.079	-9.000	-9.000	-999.	127.	13.1	0.34
1.07	0.60			1.34	337.	10.0	291.4	10.0				
10	01	01	1	18	-3.7	0.079	-9.000	-9.000	-999.	55.	12.4	0.34
1.07	1.00			1.34	337.	10.0	290.4	10.0				
10	01	01	1	19	-0.5	0.029	-9.000	-9.000	-999.	13.	4.7	0.47
1.07	1.00			0.44	252.	10.0	288.6	10.0				
10	01	01	1	20	-0.4	0.028	-9.000	-9.000	-999.	11.	4.5	0.43
1.07	1.00			0.44	113.	10.0	287.5	10.0				
10	01	01	1	21	-1.6	0.050	-9.000	-9.000	-999.	27.	6.9	0.28
1.07	1.00			0.89	122.	10.0	286.9	10.0				
10	01	01	1	22	-5.4	0.085	-9.000	-9.000	-999.	60.	10.3	0.43
1.07	1.00			1.34	99.	10.0	286.4	10.0				
10	01	01	1	23	-2.2	0.053	-9.000	-9.000	-999.	29.	5.9	0.34
1.07	1.00			0.89	331.	10.0	285.4	10.0				
10	01	01	1	24	-2.5	0.056	-9.000	-9.000	-999.	32.	6.5	0.42
1.07	1.00			0.89	40.	10.0	285.4	10.0				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	10.0	1	48.	0.89	283.2	30.0	-99.00	0.41

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
 Valley Construction HRA\Proctor Valley *** 06/07/17
 *** AERMET - VERSION 15181 *** ***
 *** 14:12:06

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE PERIOD (26304 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA6 ,
 PAREA7 , PAREA8 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

** CONC OF PM_10 IN
 **
 MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
510800.00	3619100.00	3.85184	

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
 Valley Construction HRA\Proctor Valley *** 06/07/17
 *** AERMET - VERSION 15181 *** ***
 *** 14:12:06

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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA6 ,
 PAREA7 , PAREA8 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

** CONC OF PM_10 IN
 **
 MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
510800.00	3619100.00	205.60706	(12022924)	

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
Valley Construction HRA\Proctor Valley *** 06/07/17
*** AERMET - VERSION 15181 *** ***
*** 14:12:06

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF MAXIMUM PERIOD

(26304 HRS) RESULTS ***

MICROGRAMS/M**3 ** CONC OF PM_10 IN
**

NETWORK GROUP ID	AVERAGE CONC YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID	RECEPTOR (XR,
-----	-----	-----
-----	-----	-----

ALL	1ST HIGHEST VALUE IS	3.85184 AT (	510800.00,
3619100.00,	305.00, 427.00,	0.00) DC	
	2ND HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	3RD HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	4TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	5TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	6TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	7TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	8TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	9TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		
	10TH HIGHEST VALUE IS	0.00000 AT (	0.00,
0.00,	0.00, 0.00, 0.00)		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
 Valley Construction HRA\Proctor Valley *** 06/07/17
 *** AERMET - VERSION 15181 *** ***
 *** 14:12:06

PAGE 10
 *** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** THE SUMMARY OF
 HIGHEST 1-HR RESULTS ***

** CONC OF PM₁₀ IN
 MICROGRAMS/M³ **

		DATE	
NETWORK			
GROUP ID		AVERAGE CONC	(YYMMDDHH)
RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
- - - - -	- - - - -	- - - - -	- - - - -
- - - - -	- - - - -	- - - - -	- - - - -

ALL HIGH 1ST HIGH VALUE IS 205.60706 ON 12022924: AT (

 510800.00, 3619100.00, 305.00, 427.00, 0.00) DC

*** RECEPTOR TYPES: GC = GRIDCART

 GP = GRIDPOLR

 DC = DISCCART

 DP = DISCPOLR

*** AERMOD - VERSION 16216r *** *** C:\Lakes\AERMOD View\Proctor
Valley Construction HRA\Proctor Valley *** 06/07/17
*** AERMET - VERSION 15181 *** ***
*** 14:12:06

PAGE 11

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** Message Summary : AERMOD Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 36 Warning Message(s)
A Total of 746 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 421 Calm Hours Identified

A Total of 325 Missing Hours Identified (1.24 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

MX W441	14167	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081407	
MX W441	14168	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081408	
MX W441	14169	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081409	
MX W441	14170	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081410	
MX W441	14171	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081411	
MX W441	14172	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081412	
MX W441	14173	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081413	
MX W441	14174	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081414	
MX W441	14175	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081415	
MX W441	14176	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081416	
MX W441	14177	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081417	
MX W441	14178	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081418	
MX W441	14191	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081507	

MX W441	14192	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081508	
MX W441	14193	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081509	
MX W441	14194	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081510	
MX W441	14195	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081511	
MX W441	14196	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081512	
MX W441	14197	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081513	
MX W441	14198	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081514	
MX W441	14199	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081515	
MX W441	14200	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081516	
MX W441	14201	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081517	
MX W441	14202	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081518	
MX W441	14215	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081607	
MX W441	14216	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081608	
MX W441	14217	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081609	
MX W441	14218	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081610	
MX W441	14219	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081611	
MX W441	14220	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081612	
MX W441	14221	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081613	
MX W441	14222	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081614	
MX W441	14223	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081615	
MX W441	14224	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081616	
MX W441	14225	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081617	
MX W441	14226	METQA: Vert Pot Temp Grad abv ZI set to min .005,
KURDAT=	11081618	

 *** AERMOD Finishes Successfully ***

Proctor Valley SRP Construction - Residential Cancer Risk (Unmitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/8/2017

REC	GRP	X	Y	RISK_SUM	SCENARIO	INH_RISK
1	ALL	509477	3618425	8.38E-07	5YrCancerDerived_Inh	8.38E-07
2	ALL	509403	3618404	8.78E-07	5YrCancerDerived_Inh	8.78E-07
3	ALL	509340	3618376	1.04E-06	5YrCancerDerived_Inh	1.04E-06
4	ALL	509305	3618372	1.06E-06	5YrCancerDerived_Inh	1.06E-06 *Off-Site MEIR*
5	ALL	509262	3618371	1.04E-06	5YrCancerDerived_Inh	1.04E-06
6	ALL	509305	3618358	1.23E-06	5YrCancerDerived_Inh	1.23E-06 *On-Site MEIR*

Proctor Valley SRP Construction - Residential Cancer Risk (Mitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/8/2017

REC	GRP	X	Y	RISK_SUM	SCENARIO	INH_RISK
1	ALL	509477	3618425	7.25E-07	5YrCancerDerived_Inh	7.25E-07
2	ALL	509403	3618404	7.59E-07	5YrCancerDerived_Inh	7.59E-07
3	ALL	509340	3618376	8.97E-07	5YrCancerDerived_Inh	8.97E-07
4	ALL	509305	3618372	9.13E-07	5YrCancerDerived_Inh	9.13E-07 *Off-Site MEIR*
5	ALL	509262	3618371	9.00E-07	5YrCancerDerived_Inh	9.00E-07
6	ALL	509305	3618358	1.06E-06	5YrCancerDerived_Inh	1.06E-06 *On-Site MEIR*

Proctor Valley SRP Construction - Residential Chronic Risk (Unmitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/8/2017

REC	GRP	X	Y	SCENARIO	RESP	MAXHI
1	ALL	509477	3618425	NonCancerChronicDerived_Inh	3.65E-04	3.65E-04
2	ALL	509403	3618404	NonCancerChronicDerived_Inh	3.83E-04	3.83E-04
3	ALL	509340	3618376	NonCancerChronicDerived_Inh	4.53E-04	4.53E-04
4	ALL	509305	3618372	NonCancerChronicDerived_Inh	4.60E-04	4.60E-04 *Off-Site MEIR*
5	ALL	509262	3618371	NonCancerChronicDerived_Inh	4.54E-04	4.54E-04
6	ALL	509305	3618358	NonCancerChronicDerived_Inh	5.36E-04	5.36E-04 *On-Site MEIR*

Proctor Valley SRP Construction - Residential Chronic Risk (Mitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/8/2017

REC	GRP	X	Y	SCENARIO	RESP	MAXHI
1	ALL	509477	3618425	NonCancerChronicDerived_Inh	3.16E-04	3.16E-04
2	ALL	509403	3618404	NonCancerChronicDerived_Inh	3.31E-04	3.31E-04
3	ALL	509340	3618376	NonCancerChronicDerived_Inh	3.91E-04	3.91E-04
4	ALL	509305	3618372	NonCancerChronicDerived_Inh	3.98E-04	3.98E-04 *Off-Site MEIR*
5	ALL	509262	3618371	NonCancerChronicDerived_Inh	3.92E-04	3.92E-04
6	ALL	509305	3618358	NonCancerChronicDerived_Inh	4.63E-04	4.63E-04 *On-Site MEIR*

Proctor Valley SRP Construction - Worker Cancer Risk (Unmitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/8/2017

REC	GRP	X	Y	RISK_SUM	SCENARIO	INH_RISK
1	ALL	512040	3618362	1.11E-07	5YrCancerDerived_InhSoilDerm	1.11E-07
2	ALL	512170	3618362	1.05E-07	5YrCancerDerived_InhSoilDerm	1.05E-07

Proctor Valley SRP Construction - Worker Cancer Risk (Mitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/7/2017

REC	GRP	X	Y	RISK_SUM	SCENARIO	INH_RISK
1	ALL	512040	3618362	9.58E-08	5YrCancerDerived_InhSoilDerm	9.58E-08
2	ALL	512170	3618362	9.05E-08	5YrCancerDerived_InhSoilDerm	9.05E-08

Proctor Valley SRP Construction - Worker Chronic Risk (Unmitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/8/2017

REC	GRP	X	Y	SCENARIO	RESP	MAXHI
	1 ALL	512040	3618362	NonCancerChronicDerived_InhSoilDerm	1.72E-03	1.72E-03
	2 ALL	512170	3618362	NonCancerChronicDerived_InhSoilDerm	1.62E-03	1.62E-03

Proctor Valley SRP Construction - Worker Chronic Risk (Mitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/7/2017

REC	GRP	X	Y	SCENARIO	RESP	MAXHI
	1 ALL	512040	3618362	NonCancerChronicDerived_InhSoilDerm	1.48E-03	1.48E-03
	2 ALL	512170	3618362	NonCancerChronicDerived_InhSoilDerm	1.40E-03	1.40E-03

Proctor Valley SRP Construction - School Cancer Risk (Unmitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/7/2017

REC	GRP	X	Y	RISK_SUM	SCENARIO	INH_RISK
1	ALL	510800	3619100	3.23E-06	5YrCancerDerived_Inh	3.23E-06

Proctor Valley SRP Construction - School Cancer Risk (Mitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/7/2017

REC	GRP	X	Y	RISK_SUM	SCENARIO	INH_RISK
1	ALL	510800	3619100	2.23E-06	5YrCancerDerived_Inh	2.23E-06

Proctor Valley SRP Construction - School Chronic Risk (Unmitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/7/2017

REC	GRP	X	Y	SCENARIO	RESP	MAXHI
	1 ALL	510800	3619100	NonCancerChronicDerived_Inh	1.41E-03	1.41E-03

Proctor Valley SRP Construction - School Chronic Risk (Mitigated)

**HARP - Air Dispersion Modeling and Risk Tool v17023

**6/7/2017

REC	GRP	X	Y	SCENARIO	RESP	MAXHI
	1 ALL	510800	3619100	NonCancerChronicDerived_Inh	9.74E-04	9.74E-04

APPENDIX E

*Health Effects from Criteria Air Pollutants
Associated with the Proctor Valley Project*

MEMORANDUM

To: Liz Jackson, Jackson Pendo
From: Jennifer Reed, Dudek
Subject: Health Effects from Criteria Air Pollutants Associated with the Proctor Valley Project
Date: February 15, 2019
cc: Sean Kilkenny, Dudek; Greg Mattson, County of San Diego

1 Purpose

In response to the California Supreme Court's *Sierra Club v. County of Fresno* decision (referred to herein as the Friant Ranch decision), this memorandum addresses the potential for adverse health effects related to emissions of criteria air pollutants associated with construction and operation of the proposed Otay Ranch Village 14 and Planning Areas 16/19 project (Proposed Project), based on scientific information and technological methods available at the time of this memorandum's preparation. The recently published Friant Ranch decision (issued on December 24, 2018) addresses the need to correlate mass emission values for criteria air pollutants to specific health consequences, and contains the following direction from the California Supreme Court: "The EIR must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further." (Italics original.) (Sierra Club v. County of Fresno 2018.)

As discussed below, at the time of this memorandum's preparation, no quantitative methods have been demonstrated to reliably and meaningfully translate the mass emission estimates for the criteria air pollutants resulting from the Proposed Project to specific health effects. No California air district or other expert agency/entity has published guidance on how to address the Friant Ranch decision,¹ and no industry-accepted modeling platforms with demonstrated results that are reliable and meaningful are available to qualified environmental consultants for such correlation.

¹ The following air districts, state agencies and entities were contacted by Dudek in January 2019, which could not provide guidance on how to proceed in response to the Friant Ranch decision at that time: San Diego Air Pollution Control District (APCD), South Coast Air Quality Management District (AQMD), Mojave Desert AQMD, San Joaquin Valley APCD, Santa Barbara County APCD, San Luis Obispo County APCD, Sacramento Metropolitan AQMD, Bay Area AQMD, California Air Resources Board, California Office of Planning and Research, California Air Pollution Control Officers Association, and Office of Environmental Health Hazard Assessment.

2 National and California Ambient Air Quality Standards

As discussed in Section 2.3, Air Quality, of the Proposed Project's EIR (and Section 2.3, Regulatory Setting, of the Proposed Project's Air Quality Technical Report, located in Appendix 2.3-1 of the EIR), ambient air quality standards (AAQS) define clean air, and are established to protect even the most sensitive individuals (CARB 2019a). An AAQS defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. The U.S. Environmental Protection Agency (EPA) and California Air Resources Board (CARB) are both authorized to set AAQS.

The Clean Air Act Amendments of 1970 instruct the EPA to set primary National AAQS (NAAQS) to protect public health, and secondary NAAQS to protect plants, forests, crops and materials from damage due to exposure to the following criteria air pollutants: ozone (O₃), nitrogen dioxide (NO₂), carbon monoxide (CO), sulfur dioxide (SO₂), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM₁₀), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns (PM_{2.5}), and lead.

The federal Clean Air Act requires that the EPA reassess, at least every five years, whether adopted standards are adequate to protect public health based on current scientific evidence. The EPA is required to rely on the advice of an independent scientific panel, the Clean Air Scientific Advisory Committee. Reviewing the NAAQS is a lengthy undertaking and includes the following major phases: planning, integrated science assessment, risk/exposure assessment, policy assessment, and rulemaking (EPA 2018a). During the integrated science assessment, a comprehensive review, synthesis, and evaluation of the most policy-relevant science is conducted, including key science judgments that are important to inform the development of the risk and exposure assessments (EPA 2018a). Then, the risk/exposure assessment draws upon information and conclusions presented in the integrated science assessment to develop quantitative characterizations of exposures and associated risks to human health or the environment associated with recent air quality conditions and with air quality estimated to just meet the current or alternative standard(s) under consideration (EPA 2018a). Scientific review during policy assessment development, and the NAAQS review process in general, is thorough and extensive.

In 1959, California enacted legislation requiring the state Department of Public Health to establish AAQS and necessary controls for motor vehicle emissions (CARB 2019b). California's AAQS (CAAQS) were adopted in 1971 (CARB 2019b). The CAAQS are established for O₃, NO₂, CO, SO₂, PM₁₀, and PM_{2.5}, as well as hydrogen sulfide, vinyl chloride, sulfates, and visibility reducing particles.

Air quality standard setting in California commences with a critical review of all relevant peer reviewed scientific literature. The Office of Environmental Health Hazard Assessment (OEHHA) uses the review of health literature to develop a recommendation for the standard. The recommendation can be for no change, or can recommend a new standard. The review, including the OEHHA recommendation, is summarized in a document called the draft Initial Statement of Reasons (ISOR), which is released for comment by the public, and also for public peer review by the Air Quality Advisory Committee (AQAC). AQAC members are appointed by the President of the University of California for their expertise in the range of subjects covered in the ISOR, including health, exposure, air quality monitoring, atmospheric chemistry and physics, and effects on plants, trees, materials, and ecosystems. The Committee provides written comments on the draft ISOR. CARB staff next revises the ISOR based on comments from AQAC and the public. The revised ISOR is then released for a 45-day public comment period prior to consideration by the Board of CARB at a regularly scheduled Board hearing (CARB 2017a).

Federal law requires that all states attain the NAAQS. Failure of a state to reach attainment of the NAAQS by the target date can trigger penalties, including withholding of federal highway funds (CARB 2019b). California law similarly continues to mandate CAAQS, although attainment of the NAAQS has precedence over attainment of the CAAQS (CARB 2019b).

Of importance to this memorandum, California air districts have based their thresholds of significance for California Environmental Quality Act (CEQA) purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an AAQS is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the AAQS, this means that the thresholds established by air districts are also protective of human health. The particular thresholds of relevance to the Proposed Project are illustrated in Table 2.3-4, SDAPCD Air Quality Significance Thresholds, of the EIR. Because O₃ is not emitted directly, air districts have established emissions-based thresholds for O₃ precursors—volatile organic compounds (VOCs) and oxides of nitrogen (NO_x)—which are intended to serve as a surrogate for an “O₃ significance threshold” (i.e., the potential for adverse O₃ impacts to occur).

The NAAQS and CAAQS for O₃, NO₂, CO, SO₂, PM₁₀, and PM_{2.5} are presented in Table 1. Hydrogen sulfide, vinyl chloride, sulfates, and visibility reducing particles are not addressed further in this evaluation because they are not routinely associated with land use development projects subject to CEQA review, and are thus not presented in Table 1.²

² Ambient Air Quality Standards table is provided as Table 2 of Appendix 2.3-1 of the EIR.

Table 1
Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards ^a	National Standards ^b	
		Concentration ^c	Primary ^{c,d}	Secondary ^{c,e}
O ₃	1 hour	0.09 ppm (180 µg/m ³)	—	Same as Primary Standard ^f
	8 hours	0.070 ppm (137 µg/m ³)	0.070 ppm (137 µg/m ³) ^f	
NO ₂ ^g	1 hour	0.18 ppm (339 µg/m ³)	0.100 ppm (188 µg/m ³)	Same as Primary Standard
	Annual Arithmetic Mean	0.030 ppm (57 µg/m ³)	0.053 ppm (100 µg/m ³)	
CO	1 hour	20 ppm (23 mg/m ³)	35 ppm (40 mg/m ³)	None
	8 hours	9.0 ppm (10 mg/m ³)	9 ppm (10 mg/m ³)	
SO ₂ ^h	1 hour	0.25 ppm (655 µg/m ³)	0.075 ppm (196 µg/m ³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m ³)
	24 hours	0.04 ppm (105 µg/m ³)	0.14 ppm (for certain areas) ^g	—
	Annual	—	0.030 ppm (for certain areas) ^g	—
PM ₁₀ ⁱ	24 hours	50 µg/m ³	150 µg/m ³	Same as Primary Standard
	Annual Arithmetic Mean	20 µg/m ³	—	
PM _{2.5} ⁱ	24 hours	—	35 µg/m ³	Same as Primary Standard
	Annual Arithmetic Mean	12 µg/m ³	12.0 µg/m ³	15.0 µg/m ³

Source: CARB 2016.

Notes: µg/m³ = micrograms per cubic meter; mg/m³ = milligrams per cubic meter; ppm = parts per million by volume; O₃ = ozone; NO₂ = nitrogen dioxide; CO = carbon monoxide; SO₂ = sulfur dioxide; PM₁₀ = particulate matter with an aerodynamic diameter less than or equal to 10 microns; PM_{2.5} = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

^a California standards for O₃, CO, SO₂ (1-hour and 24-hour), NO₂, suspended particulate matter (PM₁₀, PM_{2.5}), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

^b National standards (other than O₃, NO₂, SO₂, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O₃ standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For PM_{2.5}, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

^c Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

^d National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

^e National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

^f On October 1, 2015, the national 8-hour O₃ primary and secondary standards were lowered from 0.075 to 0.070 ppm.

^g To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

- ^h On June 2, 2010, a new 1-hour SO₂ standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO₂ national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
- ⁱ CARB adopted new PM standards in June of 2002, responding to requirements of the Children's Environmental Health Protection Act (Senate Bill 25, Escutia 1999), specifically the evaluation of all health-based AAQS to determine if the standards adequately protect human health, particularly that of infants and children. The subsequent review of the PM standards resulted in the recommendation of more health-protective AAQS for PM₁₀ and a new standard for PM_{2.5}. The new PM standards became effective in 2003. Upon further review, the national annual PM_{2.5} primary standard was lowered from 15 µg/m³ to 12.0 µg/m³ on December 14, 2012. The existing national 24-hour PM_{2.5} standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM₁₀ standards (primary and secondary) of 150 µg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

Pursuant to the 1990 Clean Air Act amendments, the EPA classifies air basins (or portions thereof) as “attainment” or “nonattainment” for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as “attainment” for that pollutant. If an area exceeds the standard, the area is classified as “nonattainment” for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as “unclassified” or “unclassifiable.” The designation of “unclassifiable/attainment” means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Nonattainment areas must develop plans to attain the NAAQS. Areas that achieve the standards after a nonattainment designation are redesignated as maintenance areas and must have approved maintenance plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as “attainment” or “nonattainment,” but based on CAAQS rather than NAAQS. The attainment designations for O₃, NO₂, CO, SO₂, PM₁₀, and PM_{2.5} for the San Diego Air Basin (SDAB) are listed in Table 2.³

Table 2
San Diego Air Basin Attainment Designation

Pollutant	National Designation	California Designation
O ₃ (1-hour)	Attainment ^a	Nonattainment
O ₃ (8-hour – 1997) (8-hour – 2008)	Attainment (Maintenance) Nonattainment (Moderate)	Nonattainment
NO ₂	Unclassifiable/Attainment	Attainment
CO	Attainment (Maintenance)	Attainment
SO ₂	Unclassifiable/Attainment	Attainment
PM ₁₀	Unclassifiable/Attainment	Nonattainment
PM _{2.5}	Unclassifiable/Attainment	Nonattainment

Sources: EPA 2018b (national); CARB 2018a (state).

Notes:

Bold text = not in attainment; Attainment = meets the standards; Attainment (Maintenance) = achieve the standards after a nonattainment designation; Nonattainment = does not meet the standards; Unclassified or Unclassifiable = insufficient data to classify; Unclassifiable/Attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.

- ^a The federal 1-hour standard of 0.12 parts per million was in effect from 1979 through June 15, 2005. The revoked standard is referenced here because it was employed for such a long period and because this benchmark is addressed in SIPs.

³ The same discussion of the SDAB attainment designation is provided in Section 2.4.2 of Appendix 2.3-1 of the EIR.

As shown in Table 2, the SDAB is designated as a nonattainment area for O₃, PM₁₀, and PM_{2.5} under the NAAQS and/or the CAAQS.

As discussed in Section 2.3.3, Local (Regulatory Setting), of Appendix 2.3-1 of the EIR, the SDAPCD is responsible for developing and implementing the clean air plan for attainment and maintenance of the AAQS in the SDAB. Accordingly, the SDAPCD has adopted federal and state attainment plans; most recently, the 2016 Eight-Hour Ozone Attainment Plan for San Diego County (2008 O₃ NAAQS) and the 2016 Regional Air Quality Strategy (RAQS). The RAQS relies on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in San Diego County and the cities in the County, to forecast future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. As the SDAPCD develops and implements plans and control measures designed to attain the AAQS, the SDAPCD implements measures to reduce public health effects associated with criteria air pollutants.

3 Health Effects of Criteria Air Pollutants and their Precursors

Numerous scientific studies published over the past 50 years point to the harmful effects of air pollution (CARB 2019b). As explained above, the AAQS are designed to prevent these effects (CARB 2019b). The adverse health effects associated with air pollution are diverse and include (SCAQMD 2017):

- Premature mortality
- Cardiovascular effects
- Increased health care utilization (hospitalization, physician and emergency room visits)
- Increased respiratory illness and other morbidity (symptoms, infections, and asthma exacerbation)
- Decreased lung function (breathing capacity)
- Lung inflammation
- Potential immunological changes
- Increased airway reactivity to a known pharmacological agent exposure - a method used in laboratories to evaluate the tendency of airways to have an increased possibility of developing an asthmatic response
- A decreased tolerance for exercise
- Adverse birth outcomes such as low birth weights

The evidence linking these effects to air pollutants is derived from population-based observational and field studies (epidemiological) as well as controlled laboratory studies involving human subjects and animals. There have been an increasing number of studies focusing on the mechanisms (that is, on learning how specific organs, cell types, and biomarkers are involved in the human body's response to air pollution) and specific pollutants responsible for individual effects. Yet the underlying biological pathways for these effects are not always clearly understood (SCAQMD 2017).

Although individuals inhale pollutants as a mixture under ambient conditions, the regulatory framework and the control measures developed are pollutant-specific for six major outdoor pollutants covered under Sections 108 and 109 of the Clean Air Act. This is appropriate, in that different pollutants usually differ in their sources, their times and places of occurrence, the kinds of health effects they may cause, and their overall levels of health risk. Different pollutants, from the same or different sources, oftentimes occur together. Evidence for more than additive effects

has not been strong and, as a practical matter, health scientists, as well as regulatory officials, usually must deal with one pollutant at a time in adopting AAQS (SCAQMD 2017).

Health effects associated with criteria air pollutants are discussed below; the same or similar information is provided in Section 2.3, Air Quality, of the Proposed Project's EIR (and Section 2.4.1 of the Proposed Project's Air Quality Technical Report, located in Appendix 2.3-1 of the EIR).

Ozone (O₃). O₃ in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O₃ at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, respiratory symptoms, worsening of lung disease leading to premature death, increased susceptibility to infections, inflammation of and damage to the lung tissue, and some immunological changes (EPA 2013, CARB 2019c). These health problems are particularly acute in sensitive receptors such as the sick, older adults, and young children.

Inhalation of O₃ causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O₃ can reduce the volume of air that the lungs breathe in and cause shortness of breath. O₃ in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O₃ exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O₃ exposure. While there are relatively few studies of O₃'s effects on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O₃ and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents and adults who exercise or work outdoors, where O₃ concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2019c).

A number of population groups are potentially at increased risk for O₃ exposure effects. In the ongoing review of O₃, the EPA has identified populations as having adequate evidence for increased risk from O₃ exposures include individuals with asthma, younger and older age groups, individuals with reduced intake of certain nutrients such as Vitamins C and E, and outdoor workers. There is suggestive evidence for other potential factors, such as variations in genes related to oxidative metabolism or inflammation, gender, socioeconomic status, and obesity. However further evidence is needed (SCAQMD 2017).

The adverse effects reported with short-term O₃ exposure are greater with increased activity because activity increases the breathing rate and the volume of air reaching the lungs, resulting in an increased amount of O₃ reaching the lungs. Children may be a particularly vulnerable population to air pollution effects because they spend more time outdoors, are generally more active, and have a higher specific ventilation relative to their body weight, compared to adults (SCAQMD 2017).

Volatile Organic Compounds (VOCs). The primary health effects of VOCs result from the formation of O₃ and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are

considered TACs. There are no separate health standards for VOCs as a group. Within this evaluation, VOC and reactive organic gases (ROGs) are used interchangeably.

Nitrogen Dioxide (NO₂). A large body of health science literature indicates that exposure to NO₂ can induce adverse health effects. The strongest health evidence, and the health basis for the AAQS for NO₂, is results from controlled human exposure studies that show that NO₂ exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO₂ exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO₂ than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO₂ exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher compared to lower levels of exposure. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2019d).

Carbon Monoxide (CO). Carbon monoxide is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, and light-headedness, dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2019e).

Sulfur Dioxide (SO₂). SO₂ is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. When combined with particulate matter (PM), SO₂ can injure lung tissue and reduce visibility and the level of sunlight. SO₂ can worsen asthma resulting in increased symptoms, increased medication usage, and emergency room visits.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO₂ exposure, compared with the non-asthmatic population. Effects at levels near the one-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO₂ (above 1 parts per million (ppm)) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. The elderly and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2019f).

SO₂ is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in PM (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO₂-induced increase in resistance is greater than in

healthy people, and it increases with the severity of their asthma (NRC 2005). SO₂ is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter (PM₁₀ and PM_{2.5}). A number of adverse health effects have been associated with exposure to both PM_{2.5} and PM₁₀. For PM_{2.5}, short-term exposures (up to 24-hours duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, PM_{2.5} is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and world-wide based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM₁₀ have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2017b).

Long-term (months to years) exposure to PM_{2.5} has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM₁₀ are less clear, although several studies suggest a link between long-term PM₁₀ exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that PM in outdoor air pollution causes lung cancer (CARB 2017b).

People with influenza, people with chronic respiratory and cardiovascular diseases, and older adults may suffer worsening illness and premature death as a result of breathing PM. People with bronchitis can expect aggravated symptoms from breathing PM. Children may experience a decline in lung function due to breathing in PM₁₀ and PM_{2.5} (EPA 2009).

PM encompasses a physically and chemically diverse class of ambient air pollutants of both anthropogenic and biological origin. The PM standard is the only NAAQS that does not target a specific chemical or family of chemical species (NRC 2005). The range of human health effects associated with ambient PM levels or demonstrated in laboratory studies has expanded from earlier concerns for total mortality and respiratory morbidity to include cardiac mortality and morbidity, blood vessel constriction, stroke, premature birth, low birth weight, retarded lung growth, enhancement of allergic responses, reduced resistance to infection, degenerative lesions in the brain, and lung cancer (EPA 2004).

4 Scientific and Technological Complexities

At issue in the Friant Ranch decision was the fact that a development project's EIR did not connect its mass emission totals to specific adverse human health effects. Concerned with the sufficiency of the EIR as an informational document, and specifically whether the magnitude of project impacts was adequately disclosed, the California Supreme Court stated the following:

"The task for real party and the County is clear: The EIR must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must adequately explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further." (Sierra Club v. County of Fresno 2018; italics original)

As discussed further below, at the time of this writing, no available modeling tools have been proven to provide a reliable and meaningful analysis to correlate an increase in mass totals or concentrations of criteria air pollutants from an individual project to specific health effects, or estimate additional pollutant nonattainment days relative to the NAAQS and CAAQS due to a single project.

Formation of Secondary Pollutants

The California Supreme Court noted, in the Friant Ranch decision, that: “The raw numbers estimating the tons per year of ROG and NO_x from the Project do not give any information to the reader about how much ozone is estimated to be produced as a result.”

In response, the formation of O₃ and PM in the atmosphere, as secondary pollutants,⁴ involves complex chemical and physical interactions of multiple pollutants from natural and anthropogenic sources, as further explained below. The complexity in how secondary pollutants are formed and dispersed has resulted in ongoing difficulties in measuring and regulating those pollutants.

Tropospheric, or ground level O₃, is not emitted directly into the air, but is created by chemical reactions between NO_x and VOCs (EPA 2018c). This happens when pollutants emitted by cars, power plants, industrial boilers, refineries, chemical plants, and other sources chemically react in the presence of sunlight (EPA 2018c). O₃ is most likely to reach unhealthy levels on hot sunny days in urban environments, but can still reach high levels during colder months (EPA 2018c). O₃ can also be transported long distances by wind, so even rural areas can experience high O₃ levels (EPA 2018c).

The O₃ reaction is self-perpetuating (or catalytic) in the presence of sunlight because NO₂ is photochemically reformed from nitric oxide (NO). In this way, O₃ is controlled by both NO_x and VOC emissions (NRC 2005). Per the SDAPCD Eight-Hour Ozone Attainment Plan for San Diego County for the 2008 O₃ standard (SDAPCD 2016), the measured and projected O₃ trends from 2000 to 2036 for the San Diego Air Basin signal future high VOC/NO_x ratios in the San Diego region. Thus, it is anticipated that the San Diego region will become more NO_x-limited⁵; that is, O₃ concentrations tend to be restricted by the availability of NO_x rather than VOC. Nonetheless, the complexity of these interacting cycles of pollutants means that incremental decreases in one emission may not result in proportional decreases in O₃ (NRC 2005). Although these reactions and interactions are well understood, variability in emission source operations and meteorology creates uncertainty in the modeled O₃ concentrations to which downwind populations may be exposed (NRC 2005). This is especially true for individual projects, like the Proposed Project, where project-generated criteria air pollutant emissions are not derived from a single "point source," but from mobile sources (cars and trucks) driving to, from and around the Project area and area sources (consumer products, architectural coating, natural gas fireplaces, etc.).

In many urban areas, O₃ nonattainment is not caused by emissions from the local area alone (EPA 2008). Due to atmospheric transport, contributions of precursors from the surrounding region can also be important (EPA 2008, O₃ NAAQS). Thus, in designing control strategies to reduce O₃ concentrations in a local area, it is often necessary

⁴ Air pollutants formed through chemical reactions in the atmosphere are referred to as secondary pollutants.

⁵ The rate of O₃ production can be limited by either VOCs or NO_x. In general, O₃ formation using these two precursors is reliant upon the relative sources of hydroxide (OH) and NO_x. When the rate of OH production is greater than the rate of production of NO_x, indicating that NO_x is in short supply, the rate of O₃ production is NO_x-limited (EPA 2015a).

to account for regional transport within the U.S. (EPA 2008). In some areas, such as California, global transport of O₃ from beyond North America also can contribute to nonattainment areas (EPA 2008).

PM can be divided into two categories: directly emitted PM and secondary PM. Secondary PM, like O₃, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as SO_x and NO_x (SJVAPCD 2015). In general, PM₁₀ is composed largely of primary particles, and a much greater portion of PM_{2.5} contains secondary particles (EPA 2015b). The secondary formation of PM_{2.5} is dominated by a variety of chemical species or components of atmospheric particles, such as ammonium sulfate, ammonium nitrate, organic carbon mass, elemental carbon, and other soil compounds and oxidized metals. PM_{2.5}, sulfate, nitrate, and ammonium ions are predominantly the result of chemical reactions of the oxidized products of SO₂ and NO_x emissions with direct ammonia emission (EPA 2017a). Because of the complexity of secondary PM formation, including the potential to be transported long distances by wind, the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area (SJVAPCD 2015).

Because of the long-range transport of some pollutants, important emission sources may be far from the locations where measured pollutant concentrations exceed the AAQS (NRC 2005). Thus, for areas experiencing higher ambient concentrations of pollutants, such as O₃ and PM, controlling emissions of those pollutants and their precursors is typically a regional, often multistate, problem, not a local one (NRC 2005).

San Joaquin Valley Air Pollution Control District and South Coast Air Quality Management District Briefs

In connection with the judicial proceedings culminating in issuance of the Friant Ranch decision, the San Joaquin Valley Air Pollution Control District (SJVAPCD) and the South Coast Air Quality Management District (SCAQMD) filed amicus briefs attesting to the extreme difficulty of correlating an individual project's criteria air pollutant emissions to specific health impacts. Both the SJVAPCD and the SCAQMD have among the most sophisticated air quality modeling and health impact evaluation capabilities of the air districts in the State. While the information and arguments presented in those briefs was considered by the California Supreme Court, the Court noted that such information was not part of the administrative record associated with the County's decision to approve the Friant Ranch project. A summary of the key, relevant points of the SJVAPCD and SCAQMD briefs is provided below.

Difference between Toxic Air Contaminants and Criteria Air Pollutants

As explained in Section 2.4.1, Pollutants and Effects, of Appendix 2.3-1 of the EIR, a toxic air contaminant (TAC) is an air pollutant, identified in regulation by CARB, which may cause or contribute to an increase in deaths or in serious illness, or which may pose a present or potential hazard to human health. TACs are considered under a different regulatory process (California Health and Safety Code section 39650 et seq.) than pollutants subject to CAAQS and NAAQS. Health effects to TACs may occur at extremely low levels and it is typically difficult to identify levels of exposure which do not produce adverse health effects. A criteria air pollutant, on the other hand, is an air pollutant for which acceptable levels of exposure can be determined and for which an AAQS has been set (CARB 2019g).

As the SJVAPCD explained in their brief, "Although criteria air pollutants can also be harmful to human health, they are distinguishable from TACs and are regulated separately. The most relevant difference between criteria pollutants and TACs for purposes of this case is the manner in which human health impacts are accounted for.

While it is common practice to analyze the correlation between an individual facility's TAC emissions and the expected localized human health impacts, such is not the case for criteria pollutants" (SJVAPCD 2015). Unlike with TACs (where assessment occurs in conjunction with environmental analysis for individual projects), the human health impacts associated with criteria air pollutants are analyzed and taken into consideration when EPA sets the NAAQS for each criteria pollutant. (42 U.S.C. § 7409(b)(1).) The health impact of a particular criteria pollutant is analyzed on a regional and not a facility or individual project level based on how close the area is to complying with (attaining) the NAAQS (SJVAPCD 2015). The SJVAPCD concluded that while it is possible to perform a health impact analysis for TACs, which was done for construction of the Proposed Project (see Section 4.4 Impacts to Sensitive Receptors of Appendix 2.3-1 of the EIR), "it is not feasible to conduct a similar analysis for criteria air pollutants because currently available computer modeling tools are not equipped for this task" (SJVAPCD 2015).

Disconnect Between Mass and Concentration

Another important technical nuance is that health effects from air pollutants are related to the concentration of the air pollutant that an individual is exposed to, not necessarily the individual mass quantity of emissions associated with an individual project. For example, health effects from O₃ are correlated with increases in the ambient level of O₃ in the air a person breathes (SCAQMD 2015). However, it takes a large amount of additional precursor emissions to cause a modeled increase in ambient O₃ levels over an entire region (SCAQMD 2015).

For CEQA analyses, project-generated emissions are typically estimated in pounds per day or tons per year and compared to mass daily or annual emission thresholds. While CEQA thresholds are established at levels that the air basin can accommodate without affecting the attainment date for the AAQS, even if a project exceeds established CEQA significance thresholds, this does not mean that one can easily determine the concentration of O₃ or PM that will be created at or near the project site on a particular day or month of the year, or what specific health impacts will occur (SJVAPCD 2015).

As the SJVAPCD points out, the tonnage of PM "emitted does not always equate to the local PM concentration because it can be transported long distances by wind," and "[s]econdary PM, like O₃, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as sulfur dioxides (SO_x) and NO_x," meaning that "the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area" (SJVAPCD 2015). The disconnect between the tonnage of precursor pollutants (NO_x, SO_x and VOCs) and the concentration of O₃ or PM formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects, but the concentration of resulting O₃ or PM (SJVAPCD 2015). As discussed previously, the AAQS are established as concentrations of O₃ or PM and not as tonnages of their precursor pollutants (SJVAPCD 2015). The disconnect between the amount of precursor pollutants and the concentration of O₃ or PM formed makes it difficult to determine potential health impacts, which are related to the concentration of O₃ and PM experienced by the receptor rather than levels of NO_x, SO_x, and VOCs produced by a source (SJVAPCD 2015).

As discussed above, attainment of a particular AAQS occurs when the concentration of the relevant pollutant remains below a set threshold on a consistent basis throughout a particular region (SJVAPCD 2015). Because the AAQS are focused on achieving a particular concentration of pollution region-wide, an air district's tools and plans for attaining the AAQS are regional in nature (SJVAPCD 2015). For instance, the computer models used to simulate and predict an attainment date for the O₃ or PM NAAQS in the San Joaquin Valley are based on regional inputs, such as regional inventories of precursor pollutants (NO_x, SO_x and VOCs) and the atmospheric chemistry and

meteorology of the San Joaquin Valley (SJVAPCD 2015). At a very basic level, the models simulate future O₃ or PM levels based on predicted changes in precursor emissions San Joaquin Valley Air Basin-wide (SJVAPCD 2015). Because the AAQS are set levels necessary to protect human health, the closer a region is to attaining a particular AAQS, the lower the human health impact is from that pollutant (SJVAPCD 2015).

The goal of these modeling exercises is not to determine whether the emissions generated by a particular factory or development project will affect the date that the San Joaquin Valley Air Basin attains the AAQS (SJVAPCD 2015). Rather, the SJVAPCD's modeling and planning strategy is regional in nature and based on the extent to which all of the emission-generating sources in the San Joaquin Valley Air Basin (current and future) must be controlled in order to reach attainment (SJVAPCD 2015).

Correlation to Health Effects

The SJVAPCD ties the difficulty of correlating the emission of criteria pollutants to health impacts to how O₃ and PM are formed, as explained above. According to SJVAPCD, “even once a model is developed to accurately ascertain local increases in concentrations of photochemical pollutants like O₃ and some particulates, it remains impossible, using today's models, to correlate that increase in concentration to a specific health impact [because] such models are designed to determine regional, population-wide health impacts, and simply are not accurate when applied at the local level” (SJVAPCD 2015).

To demonstrate the relative scale between air basin-wide emissions used in photochemical and other regional modeling and Proposed Project-level emissions, emissions for the SDAB from the CARB California Emissions Projection Analysis Model (CEPAM) emissions inventory and estimated emissions from the Proposed Project are summarized below. CEPAM produces projected emissions that can then be gridded to serve as the emission input for photochemical modeling, and was used for the SDAPCD 2016 Revision of the Regional Air Quality Strategy for San Diego County. Including all sources except natural sources,⁶ total emissions for the SDAB for the CEPAM baseline year of 2012 is as follows: 129 tons per day for VOC, 111 tons per day of NO_x, 477 tons per day of CO, 1 ton per day for SO_x, 71 tons per day of PM₁₀, and 20 tons per day of PM_{2.5} (CARB 2018b). For the Proposed Project's buildout year of 2028, total projected emissions for the SDAB for all sources except natural, as forecasted by CEPAM, is as follows: 102 tons per day for VOC, 53 tons per day of NO_x, 301 tons per day of CO, 1 ton per day for SO_x, 89 tons per day of PM₁₀, and 21 tons per day of PM_{2.5} (CARB 2018b). Construction of the Proposed Project is estimated to result in maximum daily emissions of 0.08 ton per day for VOC, 0.20 ton per day of NO_x, 0.43 ton per day of CO, 0.01 ton per day for SO_x, 0.05 ton per day of PM₁₀, and 0.02 ton per day of PM_{2.5} after incorporation of mitigation (see Table 27, Estimated Maximum Daily Construction Emissions – Mitigated, in Appendix 2.3-1). Proposed Project operation is anticipated to result in maximum daily emissions of 0.06 ton per day for VOC, 0.06 ton per day of NO_x, 0.18 ton per day of CO, less than 0.01 ton per day for SO_x, 0.05 ton per day of PM₁₀, and 0.01 ton per day of PM_{2.5} under unmitigated and mitigated conditions (see Table 28, Estimated Maximum Daily Operational Emissions, in Appendix 2.3-1). As presented above, Proposed Project emissions represent a small fraction of the total emissions in the SDAB.

SCAQMD used O₃, which is formed from the chemical reaction of NO_x and VOCs in the presence of sunlight, as an example of why it is impracticable to determine specific health outcomes from criteria pollutants for all but very

⁶ Natural sources are non-manmade emission sources, which include biological and geological sources, wildfires, windblown dust, and biogenic emissions from plants and trees.

large, regional-scale projects. First, forming O₃ “takes time and the influence of meteorological conditions for these reactions to occur, so ozone may be formed at a distance downwind from the sources” (SCAQMD 2015). Second, “it takes a large amount of additional precursor emissions (NO_x and VOCs) to cause a modeled increase in ambient ozone levels over an entire region,” with a 2012 study showing that “reducing NO_x by 432 tons per day (157,680 tons/year) and reducing VOC by 187 tons per day (68,255 tons/year) would reduce ozone levels at the SCAQMD’s monitor site with the highest levels by only 9 parts per billion” (SCAQMD 2015). SCAQMD thus concludes that it “does not currently know of a way to accurately quantify O₃-related health impacts caused by NO_x or VOC emissions from relatively small projects” (SCAQMD 2015).

Essentially, SCAQMD takes the position that a project emitting only 10 tons per year of NO_x or VOC is small enough that its regional impact on ambient O₃ levels may not be detected in the regional air quality models that are currently used to determine O₃ levels; thus, in this case it would not be feasible to directly correlate project emissions of VOC or NO_x with specific health impacts from O₃ (SCAQMD 2015). Therefore, lead agencies that use SCAQMD’s thresholds of significance may determine that many projects have “significant” air quality impacts and must apply all feasible mitigation measures, yet will not be able to precisely correlate the project to quantifiable health impacts.

Effects on Number of Nonattainment Days

In regard to regional concentrations and air basin attainment, the SJVAPCD emphasized that attempting to identify a change in background pollutant concentrations that can be attributed to a single project, even one as large as the entire Friant Ranch Specific Plan, is a theoretical exercise. The SJVAPCD brief noted that it “would be extremely difficult to model the impact on NAAQS attainment that the emissions from the Friant Ranch project may have” (SJVAPCD 2015). The situation is further complicated by the fact that background concentrations of regional pollutants are not uniform either temporally or geographically throughout an air basin, but are constantly fluctuating based upon meteorology and other environmental factors. As discussed above, the currently available modeling tools are equipped to model the impact of all emission sources in the San Joaquin Valley Air Basin on attainment (SJVAPCD 2015). The SJVAPCD brief then indicated that, “Running the photochemical grid model used for predicting O₃ attainment with the emissions solely from the Friant Ranch project (which equate to less than one-tenth of one percent of the total NO_x and VOC in the Valley) is not likely to yield valid information given the relative scale involved” (SJVAPCD 2015).

Methods Evaluated

At the time of writing, there are no specific tools established for use in CEQA documents to connect criteria air pollutant emissions from an individual project to specific health effects. Similarly, there are no specific tools established for use in National Environmental Policy Act (NEPA) documents that provide the discussed correlation. As such, Dudek evaluated existing modeling tools and calculation methods established for other purposes and uses, in order to determine whether such tools and methods could potentially be used in CEQA documents in a manner that would address the Friant Ranch decision and provide reliable and meaningful results. As illustrated in the discussion that follows, the available tools and methods do not correlate data in the manner contemplated in the Friant Ranch decision.

California Emissions Estimator Model

The California Emissions Estimator Model (CalEEMod) is a statewide land use emissions computer model designed to provide a uniform platform for government agencies, land use planners, and environmental professionals to quantify potential criteria pollutant and greenhouse gas emissions associated with both construction and operations from a variety of land use development projects (CAPCOA 2017). CalEEMod quantifies direct emissions from construction and operational activities. CalEEMod incorporates vehicle emission factors from the CARB Mobile Source Emissions Inventory, EMFAC, and CARB's offroad equipment inventory, OFFROAD. CalEEMod was developed for the California Air Pollution Officers Association (CAPCOA) in collaboration with numerous expert consultants and California Air Districts. CalEEMod is broadly accepted by lead agencies and technical experts as a comprehensive tool for quantifying air quality impacts from land use projects located throughout California for CEQA purposes.

CalEEMod estimates emissions of ROG, NO_x, CO, SO_x, PM₁₀, PM_{2.5} in mass daily emissions (pounds per day) and mass annual emissions (tons per year). For PM₁₀ and PM_{2.5}, CalEEMod estimates exhaust and fugitive dust emissions separately. CalEEMod does not estimate concentrations of air pollutants and does not estimate emissions of secondary pollutants such as O₃ and PM_{2.5}. In addition, CalEEMod does not estimate potential health effects of a project. Accordingly, CalEEMod is not suitable to evaluate health effects from individual projects.

Ambient Air Quality Analysis Using Dispersion Model

An ambient air quality analysis (AAQA) is typically conducted to estimate the maximum concentration of a criteria air pollutant taking into consideration meteorology, including wind direction and speed, and terrain for the area, as well as emission source characteristics, such as coordinates and facility boundaries. AAQAs are conducted for on-site air pollutant sources to assess potential concentrations in the vicinity of a project or facility. If a project exceeds a mass daily or annual threshold for a pollutant for which an air basin is in attainment of, an AAQA can evaluate whether the maximum project-generated pollutant concentration plus the ambient background concentration of that pollutant in the project area could result in an exceedance of an AAQS.

An AAQA is typically conducted using an air dispersion model. Air dispersion models calculate the atmospheric transport and fate of pollutants from the emission source. The models calculate the concentration of selected pollutants at specific downwind ground-level points, such as residential or off-site workplace receptors. The transformation (fate) of an airborne pollutant, its movement with the prevailing winds (transport), its crosswind and vertical movement due to atmospheric turbulence (dispersion), and its removal due to dry and wet deposition are influenced by the pollutant's physical and chemical properties and by meteorological and environmental conditions. Factors such as distance from the source to the receptor, meteorological conditions, intervening land use and terrain, pollutant release characteristics, and background pollutant concentrations affect the predicted air concentration of an air pollutant. Air dispersion models have the capability to take all of these factors into consideration when calculating downwind ground-level pollutant concentrations.

The American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) is typically used for an AAQA. AERMOD is a steady-state plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of both surface and elevated sources, and both simple and complex terrain. AERMOD can estimate pollutant concentrations of NO_x, NO₂, CO, SO₂, PM₁₀, PM_{2.5}, total suspended particulates, lead, and other pollutants. AERMOD cannot estimate concentrations of O₃ or secondary PM.

The SJVAPCD has developed an AAQA modeling methodology with three levels of increasing refinement and complexity (SJVAPCD 2014). For each level, the SJVAPCD recommends first summing the maximum modeled concentration for each pollutant and averaging period combination with the corresponding background concentrations and comparing against the respective AAQS. If the project does not cause an exceedance of any AAQS, then no further evaluation is required. However, if the project results in an exceedance of an AAQS, the SJVAPCD then recommends comparing the project's maximum modeled concentration for each pollutant and averaging period combination with the corresponding EPA Significant Impact Level (SIL), which are used as concentration screening thresholds to determine whether a project source's emissions would have a potentially significant impact on air quality in the area (SJVAPCD 2014). The SILs are based on the EPA Prevention of Significant Deterioration (PSD) permitting program to represent the point below which the increased emissions from a new or modified major source on air quality does not cause or contribute to a violation of the NAAQS.

While AERMOD can estimate concentrations for certain pollutants (though it cannot estimate concentrations of secondary pollutants such as O₃ and PM), no methods have been demonstrated to reliably and meaningfully connect pollutant concentrations to specific health effects. Further, when a project exceeds a threshold for a pollutant for which the air basin is in nonattainment and the background level in the project area already exceeds the AAQS, the AAQA is not presently able to estimate additional nonattainment days resulting from the project's pollutant concentration contribution.

SCAQMD Localized Significance Threshold Analysis

The SCAQMD developed a localized significance threshold (LST) analysis in response to CARB Governing Board's Environmental Justice Enhancement Initiative I-4. LSTs represent the maximum emissions from a project that will not cause or contribute to an exceedance of the most stringent applicable national or state AAQS at the nearest sensitive receptor, taking into consideration ambient concentrations in each source receptor area, project size, and distance to the nearest sensitive receptor. LSTs has been developed for NO₂, CO, PM₁₀, and PM_{2.5}. Because O₃ is a pollutant of regional concern, LSTs are not applicable to VOC emissions, which contribute to O₃ formation. Per the LST guidance, only on-site emissions should be included; off-site mobile emissions from the project should not be included in the emissions compared to the LSTs (SCAQMD 2008).

The SCAQMD developed LST lookup tables to assist lead agencies with a simple tool for evaluating the impacts from small, typical projects; the LST mass rate look-up tables allow a user to readily determine if the daily emissions for proposed construction or operational activities could result in significant localized air quality impacts without performing project-specific dispersion modeling. If the calculated emissions for the proposed construction or operational activities are below the LST emission levels found on the LST mass rate look-up tables and no potentially significant impacts are found to be associated with other environmental issues, then the proposed construction or operation activity is not significant for air quality. Proposed projects whose calculated emission budgets for the proposed construction or operational activities are above the LST emission levels found in the LST mass rate look-up tables should not assume that the project would necessarily generate adverse impacts. Detailed air dispersion modeling may demonstrate that pollutant concentrations are below LSTs. The lead agency may choose to describe project emissions above those presented in the LST mass rate look-up tables as significant or perform detailed air dispersion modeling or perform localized air quality impact analysis according to their own significance criteria (SCAQMD 2008). The SCAQMD provides guidance for performing the dispersion modeling if the lead agency chooses to.

As noted above, the LST analysis is not for all criteria air pollutants; LSTs have only been established for localized (onsite) emissions of NO₂, CO, PM₁₀, and PM_{2.5}. In addition, the LSTs are specific to source receptor areas, which take into account ambient air quality as measured by SCAQMD monitoring stations in or near the source receptor area, within the SCAQMD jurisdictional boundaries (SCAQMD 2008). As such, use of the SCAQMD LST analysis outside of the SCAQMD is not appropriate. As with the AAQA discussion above, the LST analysis does not connect pollutant concentrations to specific health effects. Further, the LST analysis does not estimate additional nonattainment days resulting from the project's pollutant concentration contribution.

Toxic Air Contaminant Health Risk Assessments

Generically, risk is the probability of an adverse outcome from any situation or action. A health risk assessment (HRA), therefore, is an analysis or report that describes the type and quantity of pollutants a person may be exposed to and estimates the potential cancer or noncancer health risk from the predicted exposures using mathematical models (CARB 2018c). The HRA includes a comprehensive analysis of the dispersion of hazardous substances, the potential for human exposure, and a quantitative assessment of both individual and population wide health risks (CARB 2018c).

As explained above, there are important differences between TACs and criteria air pollutants. Health effects to TACs may occur at extremely low levels and it is typically difficult to identify levels of exposure which do not produce adverse health effects, while a criteria air pollutant is an air pollutant for which acceptable levels of exposure can be determined (CARB 2019g).

HRAs in California are to be conducted according to methods developed by the OEHHA and are intended to be protective of the public's health (CARB 2018c). OEHHA has developed an Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (Guidance Manual), which includes a description of the algorithms, recommended exposure variates, cancer and noncancer health values, and the air modeling protocols needed to perform a HRA under the Air Toxics Hot Spots Information and Assessment Act of 1987 (Health and Safety Code Section 44300 et seq.) (OEHHA 2015).

HRAs typically use AERMOD, which, as explained above, is a dispersion model that can estimate concentrations of certain pollutants. A HRA typically also uses CARB's Hotspots Analysis and Reporting Program (HARP), which is a software suite that addresses the programmatic requirements of the Air Toxics "Hot Spots" Program (Assembly Bill 2588). HARP combines the tools needed to implement the requirements of AB 2588, such as reporting a facilities emissions inventory, determining a facilities prioritization score, conducting air dispersion modeling, and performing a facility HRA, and incorporates the information presented in the OEHHA 2015 Guidance Manual. HARP can also be used for conducting HRAs used in other programs such as for CEQA assessments. HARP can only calculate risk for pollutants that have health values approved for use in the AB 2588 program (CARB 2018c).

A HRA was performed using AERMOD and HARP to estimate the maximum individual cancer risk and the Chronic Hazard Index for residential and off-site worker receptors as a result of Proposed Project construction. See Section 4.4, Impacts to Sensitive Receptors, in Appendix 2.3-1 of the EIR.

While a HRA can be feasibly conducted for TACs and air districts, such as the SDAPCD, have established significance thresholds for TAC exposure, a similar analysis cannot be conducted for criteria air pollutants as current modeling tools, such as AERMOD and HARP, are not set-up to estimate health effects from criteria air pollutants.

Reference Exposure Levels

Dose-response assessment describes the quantitative relationship between the amount of exposure to a substance (the dose) and the incidence or occurrence of an adverse health impact (the response) (OEHHA 2015). Dose-response information for noncancer health effects is used to determine Reference Exposure Levels (RELs). Inhalation RELs are air concentrations or doses at or below which adverse noncancer health effects are not expected even in sensitive members of the general population under specified exposure scenarios. The hazard index target organs for the inhalation RELs include: respiratory system/eyes for O₃, respiratory system for NO₂, cardiovascular system for CO, and respiratory system for SO₂ (OEHHA 2016). The acute RELs are for infrequent 1-hour exposures that occur no more than once every two weeks in a given year, although this time frame of exposure does not necessarily apply to chemicals that can bio-accumulate (e.g., dioxins and furans, PCBs, and various metals). The chronic RELs are for 24-hour per day exposures for at least a significant fraction of a lifetime, defined as about 8 years ($\geq 12\%$ of a 70 year lifespan). The 8-hour RELs are for repeated 8-hour exposures for a significant fraction of a lifetime such as the exposures that offsite workers might typically receive.

The first step in determining an acute, 8-hour, or chronic REL is to determine a point of departure. The point of departure is preferably determined by the benchmark concentration procedure applied to human or animal studies, but if this method of calculation cannot be used with a particular data set, a no observed adverse effect level (NOAEL) or lowest observed adverse effect level (LOAEL) may be used as the point of departure (OEHHA 2015). The benchmark concentration method (also referred to as the benchmark dose method for oral exposures) is a preferred method to estimate a point of departure because it takes all of the available dose-response data into account to statistically estimate, typically, a 5% response rate.

It should be emphasized that exceeding the acute or chronic REL does not necessarily indicate that an adverse health impact will occur. The REL is not the threshold where population health effects would first be seen. However, levels of exposure above the REL have an increasing, but undefined, probability of resulting in an adverse health impact, particularly in sensitive individuals (e.g., depending on the toxicant, the very young, the elderly, pregnant women, and those with acute or chronic illnesses) (OEHHA 2015). The significance of exceeding the REL is dependent on the seriousness of the health endpoint, the strength and interpretation of the health studies, the magnitude of combined safety factors, and other considerations. In addition, there is a possibility that a REL may not be protective of certain small, unusually sensitive human subpopulations. Such subpopulations can be difficult to identify and study because of their small numbers, lack of knowledge about toxic mechanisms, and other factors. It may be useful to consult OEHHA staff when a REL is exceeded (hazard quotient or hazard index is greater than 1.0)

By definition, an acute REL is an exposure that is not likely to cause adverse health effects in a human population, including sensitive subgroups, exposed to that concentration (in units of micrograms per cubic meter or $\mu\text{g}/\text{m}^3$) for the specified exposure duration on an intermittent basis (OEHHA 2015). All criteria air pollutants have established acute RELs by OEHHA except for PM₁₀ and PM_{2.5} because PM in and of itself does not have known acute or chronic effects, rather the components of PM (including TACs) have the known effects. No chronic RELs have been established for criteria air pollutants because the epidemiological studies needed to establish the long-term health effects have not been conducted mainly due to the complexity needed to isolate an individual criteria air pollutant from ambient air and conduct a long-term exposure experiment.

As discussed previously, it is possible using air dispersion models (such as AERMOD) to estimate the concentration of a primary air pollutant emitted from a project from various sources. This concentration could then be compared to the REL for each criteria air pollutant. However, even if a REL is exceeded, the conclusion would be an increasing but undefined probability of resulting in an adverse health impact. Therefore, the conclusion would not be meaningful in the context of CEQA and the Friant Ranch decision.

Regional Photochemical Models

Air districts, such as the SDAPCD, use photochemical air quality models for regional air quality planning. The following discussion of photochemical air quality models is derived from EPA's Support Center for Regulatory Atmospheric Modeling (SCRAM), Photochemical Air Quality Modeling summary (EPA 2017b):

Photochemical air quality models have become widely recognized and routinely utilized tools for regulatory analysis and attainment demonstrations by assessing the effectiveness of control strategies. These photochemical models are large-scale air quality models that simulate the changes of pollutant concentrations in the atmosphere using a set of mathematical equations characterizing the chemical and physical processes in the atmosphere. These models are applied at multiple spatial scales from local, regional, national, and global.

There are two types of photochemical air quality models commonly used in air quality assessments: the Lagrangian trajectory model that employs a moving frame of reference, and the Eulerian grid model that uses a fixed coordinate system with respect to the ground. Earlier generation modeling efforts often adopted the Lagrangian approach to simulate the pollutants formation because of its computational simplicity. The disadvantage of Lagrangian approach, however, is that the physical processes it can describe are somewhat incomplete. Most of the current operational photochemical air quality models have adopted the three-dimensional Eulerian grid modeling mainly because of its ability to better and more fully characterize physical processes in the atmosphere and predict the species concentrations throughout the entire model domain. Several photochemical air quality models are summarized below:

Community Multiscale Air Quality (CMAQ): The CMAQ modeling system includes state-of-the-science capabilities for conducting urban-to-regional-to-hemispheric scale simulations of multiple air quality issues, including tropospheric O₃, fine particles, TACs, acid deposition, and visibility degradation. CMAQ brings together three kinds of models: (1) Meteorological models to represent atmospheric and weather activities, (2) Emission models to represent man-made and naturally-occurring contributions to the atmosphere, and (3) An air chemistry-transport model to predict the atmospheric fate of air pollutants under varying conditions (EPA 2018d). Notably, the SDAPCD used CMAQ for their Eight-Hour Ozone Attainment Plan for the 2008 standard adopted in 2016 (SDAPCD 2016).

Comprehensive Air Quality Model with extensions (CAMx): The CAMx model simulates air quality over many geographic scales. The model treats a wide variety of inert and chemically active pollutants, including O₃, PM, inorganic and organic PM_{2.5}/PM₁₀, and mercury and other toxics. CAMx also has plume-in-grid and source apportionment capabilities.

As explained in the Regulatory Impact Analysis of the Final Revisions to the National Ambient Air Quality Standards for Ground-Level Ozone: "CAMx is a three-dimensional grid-based Eulerian air quality model designed to estimate the formation and fate of oxidant precursors, primary and secondary particulate matter concentrations, and deposition over regional and urban spatial scales (e.g., over the contiguous

U.S.) (EPA 2015a). Because it accounts for spatial and temporal variations as well as differences in the reactivity of emissions, CAMx is useful for evaluating the impacts of the control strategies on ozone concentrations” (EPA 2015a).

The SDAPCD used CAMx for their Eight-Hour Ozone Attainment Plan for the 1997 standard adopted in 2007 (SDAPCD 2007).

Regional Modeling System for Aerosols and Deposition (REMSAD): REMSAD was designed to calculate the concentrations of both inert and chemically reactive pollutants by simulating the physical and chemical processes in the atmosphere that affect pollutant concentrations over regional scales. It includes those processes relevant to regional haze, PM, and other airborne pollutants, including soluble acidic components and mercury.

Urban Airshed Model Variable Grid (UAM-V): The UAM-V Photochemical Modeling System was a pioneering effort in photochemical air quality modeling in the early 1970s and has been used widely for air quality studies focusing on O₃. It is a three-dimensional photochemical grid model designed to calculate the concentrations of both inert and chemically reactive pollutants by simulating the physical and chemical processes in the atmosphere that affect pollutant concentrations. This model is typically applied to model air quality "episodes" - periods during which adverse meteorological conditions result in elevated O₃ pollutant concentrations.

As explained in the SJVAPCD brief and noted previously, running the photochemical grid model used for predicting O₃ attainment with the emissions solely from an individual project like the Friant Ranch project or the Proposed Project is not likely to yield valid information given the relative scale involved. In addition, and similarly noted previously, even if local increases in concentrations of pollutants can be estimated, there is currently no way to accurately correlate that increase in concentration to a specific health effect as current models are not accurate when applied at the local level. Accordingly, use of photochemical models have not been demonstrated to provide reliable and meaningful results for an individual project.

Methodology for Estimating Premature Deaths Associated with Long-term PM_{2.5} Exposure

CARB has developed a methodology to estimate premature deaths from large amounts of PM_{2.5} (CARB 2008a). Regarding the general relationship (relative risk) for use in California, the methodology document states: “From the procedures described in Section II.D, the central estimate of the relative risk of premature death is 10 percent per 10 µg/m³ increase in PM_{2.5} exposure, with a 3 to 20 percent confidence interval” (CARB 2008a).

The SCAQMD used the CARB methodology to predict impacts from three very large power plants, which ranged from 723 to 1,837 pounds of PM_{2.5} per day, and determined mortality ranging from a low of 0.05 persons per year to a high of 1.77 persons per year (SCAQMD 2015).⁷ However, the SCAQMD brief states, “the primary author of the

⁷ Maximum daily mitigated PM_{2.5} emissions during Proposed Project construction is estimated to be approximately 39 pounds per day (see Table 27, Estimated Maximum Daily Construction Emissions – Mitigated, in Appendix 2.3-1). During Proposed Project operation, estimated maximum daily (unmitigated and mitigated) PM_{2.5} emissions is approximately 26 pounds per day (see Table 28, Estimated Maximum Daily Operational Emissions, in Appendix 2.3-1). Accordingly, the Proposed Project contribution of PM_{2.5} emissions is substantially less than the three power plants the SCAQMD evaluated premature deaths from.

CARB methodology has reported that this PM_{2.5} health impact methodology is not suited for small projects and may yield unreliable results due to various uncertainties” (SCAQMD 2015). Among these uncertainties are the representativeness of the population used in the methodology, and the specific source of PM and the corresponding health impacts (SCAQMD 2015). Furthermore, in regards to evaluating the potential for application of a concentration-response function, such as the one CARB developed, to an individual project, peer-reviewers of the CARB study noted specific concerns about applying the CARB methodology to specific emission sources (even large-scale sources such as the ports) (Environ 2011). As noted in the 2008 CARB study (Environ 2011):

- Small population samples may introduce systemic uncertainties in exposure and susceptibility, and the age/sex distribution of the population should be adjusted if the county-wide incidence rate is applied to smaller areas;
- Population demographics should be the same as those in the concentration-response function;
- The effect of population size is important and is a function of variability and confidence intervals of the underlying epidemiological studies; and
- The concentration-response function will vary based on the source of PM and other caveats, including those above.

SCAQMD staff concluded that use of this methodology for a small source could result in unreliable findings and would not provide meaningful information; while it may be technically possible to plug the data into the methodology, the results would not be considered reliable or meaningful (SCAQMD 2015).

EPA Photochemical Grid Models for Single-Source Ozone and Secondary PM_{2.5} Impacts for Permitting

On January 17, 2017, EPA published (82 FR 5182) revisions to the Guideline on Air Quality Models, referred to as Appendix W, including criteria and process steps for choosing single-source analytical techniques or models to estimate O₃ impacts from precursor NO_x and VOC emissions and concentrations of direct and secondarily-formed PM_{2.5}. EPA has developed a two-tiered demonstration approach for addressing single-source impacts on O₃ and secondary PM_{2.5}. Tier 1 demonstration involve use of technically credible relationships between emissions and ambient impacts based on existing modeling studies, and Tier 2 demonstration involves case-specific application of chemical transport modeling (e.g., with an Eulerian grid or Lagrangian model).

While EPA has recently published PSD SILs for O₃ and PM_{2.5}, April 17, 2018, EPA has acknowledged the complexity of modeling single-source project impacts with the development of a tiered approach discussed above and detailed in Appendix W. While the development of PSD SILs and Appendix W modeling methodology provides evidence of potential modeling to support the evaluation of project impacts under CEQA reviews, there are technical differences between stationary source projects regulated under the PSD program compared to land use development projects regulated under CEQA that result in uncertainty of results, discussed as follows.

As described in the EPA Memorandum, August 4, 2017, “*Use of Photochemical Grid Models for Single-Source Ozone and Secondary PM_{2.5} impacts for Permit Program Related Assessments and for NAAQS Attainment Demonstrations for Ozone, PM_{2.5} and Regional Haze*,” there are multiple criteria that need to be satisfied to provide demonstration that a modeling system is fit for the purpose of supporting permitting demonstrations of NAAQS attainment, including:

1. The model or technique has received a scientific peer review;
2. The model or technique can be demonstrated to be applicable to the problem on a theoretical basis;
3. The database which are necessary to perform the analysis are available and adequate;
4. Appropriate performance evaluations of the model or technique have shown that the model or technique is not inappropriately biased for regulatory application; and
5. A protocol on methods and procedures to be followed has been established.

The EPA has assessed these five criteria in support of Appendix W changes to include criteria and process steps for choosing single-source analytical techniques or models to estimate O₃ effects from NO_x and VOC emissions and to estimate concentrations direct and secondarily-formed PM_{2.5}. However, this assessment has been performed relative to stationary sources and includes Criteria 4 performance evaluations of stationary sources only. In development of the Modeled Emission Rates for Precursors (MERPs) for the PSD Tier 1 Demonstration Tool, EPA modeled theoretical single-sources projects located throughout the continental United States. These projects were modeled at a low and high stack height of 1 meter (m) and 90 m, respectively; stack diameter of 5 m; exit temperature of 100 Fahrenheit (°F); and exit velocity of 27 meters per second (89 feet per second). The hypothetical sources included multiple emission rates: 100, 300, 500, 1,000, 2,000, and 3,000 tons per year.

CEQA requires review of all project-generated criteria air pollutant emissions, including emissions resulting from stationary sources, mobile sources, construction sources, operational, and maintenance activities and includes secondarily generated emissions from energy usage, water, solid waste, and wastewater generation. Many CEQA project emissions, like those for the Proposed Project, are dominated by mobile sources and fugitive emission sources with essentially no vertical plume velocity and have very different dispersion characteristics as compared to PSD major sources like those modeled for MERPs. Therefore, there is uncertainty of the results of applying performance evaluations from the PSD project examples to CEQA project emissions given the complexity of modeling the photochemical reactions resulting in O₃ formation and secondary PM_{2.5}, as discussed above. At this time, to our knowledge, chemical transport modeling of the formation of O₃ and PM_{2.5} has not been proven under performance evaluations to show that the available modeling techniques are not inappropriately biased for CEQA projects.

Environmental Benefits Mapping and Analysis Program – Community Edition (BenMAP-CE)

The environmental Benefits Mapping and Analysis Program—Community Edition (BenMAP-CE) estimates the number and economic value of health effects resulting from changes in air pollution concentrations (EPA 2018e). The open-source BenMAP-CE tool replaces the proprietary version of the program (BenMAP) that the EPA first developed in 2003 to analyze national-scale air quality policies. These analyses include EPA's health benefits assessments for the NAAQs for PM (2006, 2012) and O₃ (2008, 2010), as well as the Locomotive Marine Engine Rule (2008). EPA and its partners designed BenMAP-CE to serve the analytical needs of a range of users, including scientists, policy analysts, and decision makers. Most users apply the BenMAP-CE tool to answer one of two types of questions (EPA 2018e):

- 1) What are the human health and economic benefits associated with a policy improving air quality?

and/or

2) What is the human health burden attributable to total air pollution levels?

The health impact function in BenMAP-CE incorporates four key sources of data: (i) modeled or monitored air quality changes, (ii) population, (iii) baseline incidence rates, and (iv) an effect estimate. When using BenMAP-CE on a local scale, data typically used, which needs to match the grid definition,⁸ include air quality modeling, incidence data, and population data. While BenMAP-CE can be used on a local-scale if accurate input information is available, using BenMAP-CE for a project-level analysis in CEQA has not yet been demonstrated to provide meaningful results in a CEQA context.

CARB conducted a health risk assessment for the West Oakland community in 2008 (“Diesel Particulate Matter HRA for the West Oakland Community”). The study was designed to evaluate the emissions impacts and the potential public health risk to both residents of West Oakland and the broader Bay Area from exposures to diesel PM from the Maritime Port of Oakland, the Union Pacific Railroad, and additional sources adjacent to the West Oakland Community (i.e., ocean-going vessels, commercial harbor craft, cargo handling equipment, locomotives, Amtrak maintenance facility, major construction projects, stationary point sources, on-road trucks, and truck-based businesses and distribution centers), and used BenMAP to estimate non-cancer health effects (CARB 2008b). CARB staff included only directly emitted PM and did not account for secondary PM formed from NO_x and SO_x emissions. As explained in the West Oakland study, “Risk assessment is a complex process which requires the integration of many variables and assumptions. Due to these variables and assumptions, there are uncertainties and limitations with the results. Generally, the assumptions are designed to be health protective so that the estimates of risks to individuals are not underestimated. Uncertainty associated with the key elements used in a risk assessment include uncertainty in the health risk values, the air dispersion modeling used to predict diesel PM concentrations, and the model input parameters” (CARB 2008b).

Furthermore, in regards to a conducting health impact assessment, in general, as the spatial scale decreases, national or “generic” data may become less representative (Hubbell 2009). At the same time, local data may not be available or may be more uncertain given smaller sample sizes (Hubbell 2009). In addition, there is a tension between developing assessments that are locally meaningful and using methods that are consistent with other health impact assessments, so that results can be compared across settings (Hubbell 2009).

Benefit or Incidents per Ton Factors

In 2013, EPA published a Technical Support Document (TSD) describing an approach for estimating the average avoided human health impacts, and monetized benefits related to emissions of PM_{2.5} and PM_{2.5} precursors,

⁸ A BenMAP-CE Grid Definition provides a method of breaking a geographic region into areas of interest (Grid Cells) in conducting an analysis (EPA 2018e). This can be done in two ways - by loading a Shapefile (a particular type of GIS file) or by specifying a regularly shaped grid pattern. These are referred to as Shapefile Grid Definitions and Regular Grid Definitions, respectively. Typically a Shapefile Grid Definition is used when the areas of interest are political boundaries with irregularly shaped borders, while a Regular Grid Definition is used when the areas of interest are uniformly shaped grids (e.g., rectangles) (EPA 2018e).

including NO_x and SO₂, from 17 sectors⁹ using the results of source apportionment photochemical modeling. In 2017, EPA released a new version of its BenMAP-CE tool that incorporated new demographic and economic parameters. Using the 2017 version of BenMAP-CE, EPA re-calculated the PM_{2.5} benefit per ton values.

The procedure for calculating benefit per ton coefficients follows three steps (EPA 2018f):

1. Using source apportionment photochemical modeling, predict annual average ambient concentrations of primary PM_{2.5}, nitrate and sulfate attributable to each of 17 emission sectors across the Continental U.S.
2. For each sector, estimate the health impacts, and the economic value of these impacts, associated with the attributable ambient concentrations of primary PM_{2.5}, sulfate and nitrate PM_{2.5} using BenMAP v1.3.71.¹⁰
3. For each sector, divide the PM_{2.5}-related health impacts attributable to each type of PM_{2.5}, and the monetary value of these impacts, by the level of associated precursor emissions. That is, primary PM_{2.5} benefits are divided by direct PM_{2.5} emissions, sulfate benefits are divided by SO₂ emissions, and nitrate benefits are divided by NO_x emissions.

The benefit per ton analysis includes many data sources as inputs, including emission inventories, air quality data from models (with their associated parameters and inputs), population data, health effect estimates from epidemiology studies, and economic data for monetizing benefits (EPA 2018e). Each of these inputs may be uncertain and would affect the benefits estimate (EPA 2018e). When the uncertainties from each stage of the analysis are compounded, small uncertainties can have large effects on the total quantified benefits (EPA 2018f).

The limitations and uncertainties discussion in the benefit per ton analysis cautions that: “Great care should be taken in applying these estimates to emission reductions occurring in any specific location, as these are all based on national emission reduction assumptions and therefore represent an average benefit per ton over the entire United States. The benefit per ton for emission reductions in specific locations may be very different from the estimates presented here. In addition, estimates do not capture important differences in marginal benefit per ton that may exist due to different combinations of reductions (i.e., all other sectors are held constant) or nonlinearities within a particular pollutant (e.g., non-zero second derivatives with respect to emissions)” (EPA 2018f).

CARB has similarly developed incidents per ton values to evaluate costs versus benefits of air quality rules and regulations. Examples include the economic valuation during rulemaking for the Ports and Goods Movement in

⁹ The 17 sectors include locomotives and marine vessels, area sources, cement kilns, coke ovens, electric arc furnaces, electricity generating units, ferroalloy facilities, industrial point sources, integrated iron and steel facilities, iron and steel facilities, non-road mobile sources, ocean-going vessels, on-road mobile sources, pulp and paper facilities, refineries, residential wood combustion, and taconite mines (EPA 2018f).

¹⁰ In this stage, EPA estimated the PM_{2.5}-related impacts associated with changes in directly emitted PM_{2.5}, nitrate and sulfate separately, so that they may ultimately calculate the benefit per ton reduced of the corresponding PM_{2.5} precursor, or directly emitted PM_{2.5}, in step 3. When estimating these impacts, the EPA applied effect coefficients that relate changes in total PM_{2.5} mass to the risk of adverse health outcomes; the EPA did not apply effect coefficients that are differentiated by PM_{2.5} specie.

California (CARB 2006) and the Truck and Bus Regulation, the Drayage Truck Regulation, and the Tractor-Trailer Greenhouse Gas Regulation (CARB 2010).

CARB staff assessed the potential health effects associated with exposure to air pollutants arising from ports and goods movement in California focusing on PM and O₃, as they represent the majority of known risk associated with exposure to outdoor air pollution and there have been sufficient studies performed to allow quantification of the health effects associated with the referenced emission sources (CARB 2006). The assessment quantifies the premature deaths and increased cases of disease linked to exposure to PM and O₃ from ports and goods movement, and provides an economic valuation of these health effects.

The study noted that there are significant uncertainties involved in quantitatively estimating the health effects of exposure to outdoor air pollution (CARB 2006). The various uncertainties and limitations include uncertainties related to emissions estimation, exposure estimates and populations, concentration-response functions, baseline rates of mortality and morbidity, health effects of sulfate exposure, and unquantified adverse effects. Many of these elements have a factor-of-two uncertainty; over time, some of these uncertainties may be reduced as new research is completed. However, significant uncertainty will remain in any estimate made over the foreseeable future (CARB 2006).

The benefit or incidents per ton factor assessment, while useful for economic valuations during rulemaking for regulatory controls that would reduce substantial quantities of air pollutant emissions, in its current form, has too substantial of uncertainties when applied to individual projects to be used for CEQA analyses with a level of accuracy. Therefore, as currently used by CARB and EPA, the benefit or incidents per ton factor assessment is determined to not provide reliable and meaningful results for individual projects.

Conclusion

As explained above, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days. Neither the SJVAPCD nor the SCAQMD have identified a method to connect project-generated criteria air pollutant emissions to specific health effects for individual development projects. Currently, there are no modeling tools that could provide reliable and meaningful additional information regarding health effects from criteria air pollutants generated by individual projects, as explained above. Instead, air districts have set thresholds that seek to minimize concentrations of criteria air pollutants through the control of directly emitted emissions and precursors.

5 Evaluation of the Proposed Project's Health Effects

As explained in Section 2, the EPA and CARB have established AAQS at levels above which concentrations could be harmful to human health and welfare, with an adequate margin of safety. Further, California air districts (like SDAPCD) have established emission-based thresholds that provide project-level estimates of criteria air pollutant quantities that air basins can accommodate without affecting the attainment dates for the AAQS. The County based their air quality significance thresholds on SDAPCD Rule 1501 (Conformity of General Federal Actions) and Rule 20.2 (New Source Review (NSR)-Non-Major Stationary Sources). Accordingly, elevated levels of criteria air pollutants as a result of a Proposed Project's emissions could cause adverse health effects associated with these pollutants.

In this case, construction of the Proposed Project is estimated to exceed County thresholds for VOC, NO_x, and CO after mitigation is incorporated. Operation of the Proposed Project is estimated to exceed County thresholds for VOC and PM₁₀ after mitigation is incorporated. As shown in Table 2 (Section 2), the SDAB is designated as a nonattainment area for O₃ under the NAAQS and the CAAQS, and nonattainment for PM₁₀ and PM_{2.5} under the CAAQS.

As discussed in Section 3, health effects associated with O₃ include respiratory symptoms, worsening of lung disease leading to premature death, and damage to lung tissue (CARB 2019h). VOCs and NO_x are precursors to O₃, for which the SDAB is designated as nonattainment with respect to the NAAQS and CAAQS. The contribution of VOCs and NO_x to regional ambient O₃ concentrations is the result of complex photochemistry. The increases in O₃ concentrations in the SDAB due to O₃ precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O₃ concentrations would also depend on the time of year that the VOC emissions would occur because exceedances of the O₃ AAQS tend to occur between April and October when solar radiation is highest. The holistic effect of a single project's emissions of O₃ precursors is speculative because of the lack of quantitative methods to assess this impact. Nonetheless, because VOC and NO_x emissions associated with Proposed Project construction and/or operation would exceed the County's mass daily construction threshold, it could minimally contribute to regional O₃ concentrations and the associated health effects.

Health effects associated with NO_x include lung irritation and enhanced allergic responses (see Section 3; CARB 2019h). Health impacts that result from NO₂ and NO_x include respiratory irritation. Although the Proposed Project construction would generate NO_x emissions that would exceed the County's mass daily threshold, it is unlikely that construction of the Proposed Project would contribute to exceedances of the NAAQS and CAAQS for NO₂ because the SDAB is designated as in attainment of the NAAQS and CAAQS for NO₂ and the existing NO₂ concentrations in the area are well below the NAAQS and CAAQS standards. Nonetheless, because there are nearby receptors that could be affected by off-road construction equipment (primary source of NO_x), the Proposed Project could result in potential health effects associated with NO₂ and NO_x.

Health effects associated with CO include chest pain in patients with heart disease, headache, light-headedness, and reduced mental alertness (See Section 3; CARB 2019h). CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots were discussed in Appendix 2.3-1 of the EIR, Section 4.4 Impacts to Sensitive Receptors, and are determined to be a less-than-significant impact. However, because construction of the Proposed Project would generate CO emissions that would exceed the County threshold, the Project's CO emissions could potentially contribute to health effects associated with this pollutant.

Health effects associated with PM₁₀ include premature death and hospitalization, primarily for worsening of respiratory disease (See Section 3; CARB 2019h). Because operation of the Proposed Project would exceed the County threshold for PM₁₀, the Proposed Project would potentially contribute to exceedances of the CAAQS for PM₁₀ or could obstruct the SDAB from coming into attainment of the PM₁₀ CAAQS. As such, the Project's potential contribution of PM₁₀ during operation could result in health effects related to PM₁₀.

In summary, because construction and/or operation of the Proposed Project could result in exceedances of the County's significance thresholds for VOC, NO_x, CO, and PM₁₀, the Proposed Project would potentially result in health effects associated with those pollutants, as explained in Section 3. Because the Proposed Project would not exceed the County thresholds for SO_x and PM_{2.5}, and because the County thresholds are based on levels that the SDAB can

accommodate without affecting the attainment date for the AAQS and the AAQS are established to protect public health and welfare, the Proposed Project is not anticipated to result in health effects associated with SO_x or PM_{2.5}. At the time of preparation of this memorandum, there are no modeling tools, as explained above, that can provide reliable and meaningful additional information regarding the potential health effects or potential for further nonattainment days from criteria air pollutants generated by the Proposed Project.

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